

# Exhibit B

Curriculum Vitae of  
**ANNE CHRISTINE ROBERTS, M.D.**

## **CURRICULUM VITAE**

### **ANNE CHRISTINE ROBERTS, M.D.**

**OFFICE ADDRESS:** Department of Radiology  
UCSD Medical Center/Thornton Hospital  
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#### **EDUCATION:**

1968 - 1972 B.A. University of California, Los Angeles  
(History)

1972 - 1973 M.A. University of California, Los Angeles  
(History)

1975 - 1977 Stanford University  
(Premedical)

1978 - 1982 M.D. University of California, San Diego  
(Medical)

#### **POST DOCTORAL TRAINING:**

##### **Internship:**

1982 - 1983 Obstetrics and Gynecology, Cedar-Sinai Medical  
Center, Los Angeles

##### **Residency:**

1983 - 1986 Diagnostic Radiology, Massachusetts General Hospital,  
Boston, MA

##### **Clinical Fellowship:**

1986 - 1987 Vascular Radiology, Massachusetts General Hospital,  
Boston, MA

**Licensure and Certification:**

1983	National Board of Medical Examiners Certificate
1986	California License
1986	American Board of Radiology, Diplomate
1994	American Board of Radiology, Certificate in Diagnostic Radiology with added Qualifications In Vascular And Interventional Radiology
2004, 2015	American Board of Radiology, Recertification in Diagnostic Radiology with added Qualifications in Vascular & Interventional Radiology

**APPOINTMENTS:**

**Academic Appointments:**

1983 - 1987	Clinical Fellow in Radiology Harvard Medical School
1987 - 1993	Assistant Clinical Professor of Radiology, University of California, San Diego School of Medicine
1993 - 1998	Associate Clinical Professor of Radiology University of California, San Diego School of Medicine
1995 - 1996	Sabbatical year FDA - Cardiovascular, Respiratory & Neurological Devices Office of Device Evaluation) in Center for Devices & Radiologic Health
1998 -	Professor of Clinical Radiology University of California, San Diego School of Medicine

**Hospital Appointments:**

1989 -1993	Designated Chief of Radiology University of California, San Diego Medical Center Thornton Hospital
1989 -1993	Chief of Radiology Quality Assurance Veterans Affairs Medical Center, La Jolla, CA

1990-1993	Chief of Vascular Radiology Veterans Affairs Medical Center, La Jolla, CA
1990-1993	Assistant Chief of Radiology Veterans Affairs Medical Center, La Jolla, CA
1993	Acting Chief of Radiology Veterans Affairs Medical Center, La Jolla, CA
1993-1996	Chief of Radiology University of California, San Diego Medical Center Thornton Hospital
1996 -	Chief of Vascular and Interventional Radiology University of California, San Diego Medical Center Thornton Hospital
2001-2002	Interim Chair, Department of Radiology University of California, San Diego School of Medicine
2002-2010	Executive Vice Chair, Department of Radiology University of California, San Diego School of Medicine

**PROFESSIONAL SOCIETIES:**

1986 - Present	Radiological Society of North America
1987 - Present	San Diego Radiological Society
1988 - Present	Society of Cardiovascular and Interventional Radiology
1988 - Present	Western Angiographic and Interventional Society
1988 - Present	Roentgen Ray Society
1988 - Present	American Association for Women Radiologists
1989 - Present	American Heart Association Council on Cardiovascular Radiology
1990 - Present	American College of Radiology
1991 - Present	International Society for Cardiovascular Surgery North American Chapter
1991 - Present	Association of University Radiologists
1993 - Present	San Diego County Medical Society
1993 - Present	California Medical Association
1994 - Present	American Medical Association
1994 - Present	Cardiovascular and Interventional Radiological Society Europe
1996 - 2004	American Association for the Advancement of Science
1996 -1999	Tissue Engineering Society

1996 - Present	American Association of University Women
1996 - 2006	Society for Health Services Research in Radiology
1997 - 2003	The Society for Minimally Invasive Therapy
1997 - 2006	Society For Computer Applications in Radiology
2001 - Present	American Society of Interventional and Therapeutic Neuroradiology (Associate Member)
2001 - 2003	Society of Chairmen of Academic Radiology Departments (SCARD)
2004 - Present	American Society of Angiology (ASA)

### **MAJOR RESEARCH INTERESTS:**

Cardiovascular and Interventional Radiology

### **HONORS:**

#### **Society of Interventional Radiology (Formerly, Society of Cardiovascular and Interventional Radiology)**

1993	Elected to Fellowship
1994	Elected Secretary-Treasurer
1995	Elected Chair of Executive Council
1996	Elected President
1997	Immediate Past President
1997	Elected Chair of SCVIR's Cardiovascular and Interventional
1998	Radiology Research and Education Foundation (CIRREF)
2004	Dotter Lecturer
2005	Maintenance of Certification, Distinguished Faculty Award, SIR Annual Scientific Meeting
2015	Gold Medal of Society of Interventional Radiology

#### **American Heart Association**

1994	Election to Fellowship in the Council on Cardiovascular Radiology
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#### **Western Angiographic & Interventional Society**

1994	Elected Secretary-Treasurer
1995	Elected President
1996	Immediate Past President

### **American Medical Association**

1996 -1998 Specialty Society Delegate at the AMA Annual Meeting representing the Society of Cardiovascular and Interventional Radiology

### **Food and Drug Administration**

1996 - 2001 Appointed to the FDA's Circulatory System Devices Panel

### **National Institute of Health**

1997-1999 Special Member - Diagnostic Radiology Study Section

### **Society for Minimally Invasive Therapy (SMIT)**

1997-2002 International Advisory Committee

### **Cardiovascular and Interventional Radiological Society of Europe (CIRSE)**

1997 Elected to Fellowship  
2005 Andreas Gruntzig Lecturer  
2009 Distinguished Fellow  
2012 Cum Laude Award CIRSE meeting, Lisbon, Portugal for "Alternative venous access: options in challenging catheter-dependent patients." Electronic exhibit (by R Ramaswamy, AR Jani, **AC Roberts**, TB Kinney).

### **American College of Radiology (ACR)**

1998 Elected to Fellowship  
2002-2006 Elected to the Council Steering Committee  
2005 Distinguished Committee Service Award  
Commission on Medical Physics Editorial Review Board for Education Projects under the Commission on Education  
2009- Board of Chancellors – Chancellor for Interventional Radiology  
2010-2015 Secretary and Treasurer of ACR  
2015 Elected Vice President of ACR

### **Health Care Financing Administration (HCFA)**

1999-2003 Appointed to HCFA's Medical Devices and Prosthetics  
1999-2004 Panel of the Medicare Coverage Advisory Committee

### **American Board of Radiology**

2001-2005	Elected as Trustee of the American Board of Radiology
2005-2009	Re-elected as Trustee of the American Board of Radiology
2015	Elected Executive

### **Radiological Society of North America (RSNA)**

2003	Certificate of Merit, 89 <sup>th</sup> RSNA Scientific Assembly and Annual Meeting, Chicago, Illinois, for "MR Evaluation of Placenta Accreta: Indications, Techniques, Interpretation, Pitfalls, and Impact On Management" Scientific Poster (by OA Adrade Barreto, MA Brown, LE Tang, RF Mattrey, <b>AC Roberts</b> )
2008	Selected as a 2008 Radiological Society of North America Interventional Visiting Professor to Nigeria
2012	Selected as a 2012 Radiological Society of North America Interventional Visiting Professor to Nepal
2016	Selected as a 2016 Radiological Society of North America Interventional Visiting Professor to Ghana.
2016	Selected as a 2016 Radiological Society of North America Interventional Visiting Professor to Brazil.

### **American Society of Angiology (ASA)**

2004	Elected to Fellowship
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### **UCSD**

2003	Academy of Clinician Scholars – Selection for Inaugural membership
2004	Academy of Clinician Scholars – Election
2008	UCSD Outstanding Award, Health Professions Mentor in the Health and Medical Professions Preparation Program
2009	Academy of Clinician Scholars – Fellowship

### **San Diego Business Journal**

2003	"Women Who Mean Business" Award
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## Best Doctors

2004	Best Doctors in America – 2003-2004
2003	San Diego's Best Doctors – San Diego Magazine, October 2003.
2005	San Diego's Best Doctors - San Diego Magazine, October 2004
2006	America's Top Physicians – 2004-2005
2005	Best Doctors in America – 2005-2006
2006	America's Top Physicians – 2006-2007
2007	Best Doctors in America – 2007-2008
2008	San Diego's Best Doctors – San Diego Magazine, August 2008
2009	Best Doctors in America – 2009-2010
2010	San Diego Top Doctor- The Leading Physicians of the World
2010	Best Doctors in America – 2010-2011
2011	San Diego Super Doctor
2011	2011 Top Doctor - San Diego Physicians of Exceptional Excellence
2011	San Diego Best Doctors – San Diego Magazine, October 2011
2011	Best Doctors in America – 2011-2012
2012	America's Top Doctors – US News and World Report
2013	Best Doctors in America – 2012-2013
2014	America's Top Doctors – 2013-2014
2014	Best Doctors in America – 2014-2015
2015	America's Top Doctors – 2014-2015

## Who's Who

1995	Marquis Who's Who in American Education - Biography - 5 <sup>th</sup> Edition
1996	Marquis Who's Who of American Women - Biography - 20 <sup>th</sup> Edition
1996	Marquis Who's Who in the World - Biography - 14th Edition
1996	Marquis Who's Who in the West - Biography - 25th Edition
1996	Marquis Who's Who in Medicine and Healthcare – Biography 1st Edition
1996	Dictionary of International Biography - Biography - 25th Edition
1997	The World Who's Who of Women - Biography - 14th Edition
1997	Marquis Who's Who in Medicine and Healthcare - Biography 2nd Edition
1997	Marquis Who's Who in the West - Biography - 26th Edition
1998	Marquis Who's Who in the West - Biography - 27th Edition
1998	Dictionary of International Biography - 26th Edition
1999	Outstanding People of the 20th Century: Incorporating the Outstanding Achievement Awards (to be published in mid-1999)
1999	Dictionary of International Biography - Biography - 27 <sup>th</sup> Edition
1999	International Biographical Centre: Nomination as an

	International Woman of the Millennium
2000	International Biographical Centre: - Selected Biography for 2000. Outstanding Intellectuals of the 20 <sup>th</sup> Century
2000	International Biographical Centre: Nomination as an International Woman of the Year
2000	Dictionary of International Biography - Biography - 28 <sup>th</sup> Edition
2001	Strathmore's Who's Who Millennium Edition 2000-2001, 7 <sup>th</sup> Edition
2002	International Biographical Centre: Who's Who in the 21 <sup>st</sup> Century, 2nd Edition
2005	Manchester Who's Who Among Professionals – Honors Edition
2007	American Biographical Institute Governing Board of Editors Selected “Woman of the Year”
2006	Strathmore's Who's Who “Men and Woman Who Have Achieved Success in Their Respective Fields”.
2008	Madison Who's Who Among Executives and Professionals
2009	Madison Who's Who: Honors Edition”
2009	International Who's Who of Professional & Business Women
2010	American Biographical Institute, Inc. Selected “Woman of the Year”
2010	Marquis Who's Who in America – Biography- 65 <sup>th</sup> Edition
2011	Marquis Who's Who in Medicine and Healthcare– 8 <sup>th</sup> Edition
2011	American Biographical Institute, Inc. Selected “Woman of the Year”
2011	Marquis Who's Who in America – Biography- 66 <sup>th</sup> Edition
2013	Marquis Who's Who in America – Biography- 67 <sup>th</sup> Edition
2014	Marquis Who's Who in America – Biography – 68 <sup>th</sup> Edition
2015	Marquis Who's Who in America – Biography – 69 <sup>th</sup> Edition

#### **Medical Technology Schools**

2015	25 Top Radiology Professors
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#### **Visiting Professor/Invited Lecturer**

1989	Visiting Professor at the University of Southern California, Department of Radiology, April 14, 1989
1989	Visiting Professor at the University of Minnesota, Department of Radiology, July 6, 1989
1989	Invited Speaker at the St. John's Hospital, Lowell, Massachusetts, November 17, 1989

1990	Invited Speaker at the Orange County Interventional Society, October 24, 1990
1991	Visiting Professor at the University of California, Irvine, Department of Radiology, April 10, 1991
1992	Invited Speaker at the Vascular Surgery Club, Honolulu, Hawaii, September 21, 1992
1992	Invited Speaker – New Horizons Lecture at the University of California, San Francisco Department of Radiology, November 12, 1992
1994	Visiting Professor at the Massachusetts General Hospital, February 18, 1994
1994	Invited Speaker at the South Central Kansas Radiological Society Meeting, January 18, 1994
1996	Invited Speaker at the Maine Medical Center, March 12, 1996
1996	Invited Speaker at the New England Society for Cardiovascular Interventional Radiology, March 18, 1996
1996	Invited Speaker at the Massachusetts General Hospital, April 24, 1996
1996	Keynote Address at the International Special Procedures 1996 Conference, May 13, 1996
1996	Invited Speaker at the Chesapeake Interventional Radiology Society, June 29, 1996
1996	Visiting Professor at the University of New Mexico, Radiology Department, July 31, 1996
1997	Visiting Professor at the Osaka City University, Osaka, Japan, February 4, 1997
1997	Visiting Professor at Wakayama Medical College, Wakayama, Japan, February 5, 1997
1997	1997 AOA (Alpha Omega Alpha) Visiting Lecturer at the University of Arkansas for Medical Sciences Medical Center, April 28, 1997
1997	John Juhl Visiting Professor at the University of Wisconsin,

- Madison Medical School, Department of Radiology,  
May 1-2, 1997
- 1998 Visiting Professor of Radiology at the University of Michigan  
Medical Center, Department of Radiology, April 2-3, 1998
- 1998 Invited Speaker at the Michigan Radiological Society Meeting,  
April 2, 1998
- 1998 Invited Faculty for MD Anderson Cancer Center Practical Training  
Course in Interventional Radiology, October 5-19, 1998,  
Houston, Texas
- 1999 Invited Faculty for MD Anderson Cancer Center Practical Training  
Course in Interventional Radiology, March 13-17, 2000  
Houston, Texas
- 2001 Ben Felson Visiting Professor at the University of Cincinnati College of  
Medicine, Department of Radiology, March 23-25, 2001
- 2001 Invited Speaker at the Joint Meeting of the Singapore Academy of  
Obstetrics and Gynecology and the Singapore Society of Vascular &  
Interventional Radiology, Singapore, July 25, 2001
- 2004 Invited Lecturer (Dr. Charles T. Dotter Lecture) at the Society of  
Interventional Radiology 29<sup>th</sup> Annual Scientific Meeting,  
Phoenix, Arizona, March 27, 2004
- 2004 Invited Lecturer (Cook Lecture in Interventional Radiology) at the  
Royal College of Radiologists' 2004 Annual Scientific Meeting,  
Westminster, London, United Kingdom, September 14, 2004
- 2004 Invited Lecturer (Twenty-First Annual H. Steven Weens Lecture) at  
Emory University's School of Medicine, Department of Radiology,  
Atlanta, Georgia, October 27, 2004
- 2005 Invited Lecturer (Andreas Gruntzig Lecture 2005 at the CIRSE  
2005 Annual Meeting and Postgraduate Course of the  
Cardiovascular and Interventional Radiological Society of Europe,  
Nice, France. September 11, 2005
- 2005 Invited Lecturer (Dotter Lecture 2005) at the 35<sup>th</sup> Annual Western  
Angiography and Interventional Radiology Society, Santa  
Barbara, California. October 31, 2005
- 2007 Visiting Professor at Long Island Jewish Medical Center. Long

- Island, New York. April 9, 2007.
- 2008 RSNA International Visiting Professor at University Hospitals in Maiduguri, Nigeria. June 17-18, 2008.
- 2008 RSNA International Visiting Professor at University Hospitals in Ilonan, Nigeria. June 21-23, 2008.
- 2008 RSNA International Visiting Professor at University Hospitals in Ibadan, Nigeria. June 24-26, 2008.
- 2008 Invited Lecturer at the 2008 Embolism International Symposium In Sao Paulo, Ibirapuera, August 26-29, 2008.
- 2010 Visiting Professor at Baylor College of Medicine. Houston, Texas. April 26, 2010.
- 2009 Visiting Expert for Singapore Ministry of Health, June 13-24, 2010.
- 2011 Visiting Expert for Korean Society Interventional Radiology. April 18-23, 2011.
- 2011 Visiting Professor at NYU Langone Medical Center. December 8, 2011.
- 2012 RSNA International Visiting Professor traveling in Nepal. February 16-19, 2012.
- 2012 Annual Barfield-Carter Lecture. University of Alabama, Birmingham. November 12, 2012.
- 2013 Distinguished Alumnae Lecture. Massachusetts General Hospital, Department of Radiology. Ether Dome at MGH, Boston, Massachusetts. October 19, 2013.
- 2016 RSNA International Visiting Professor traveling in Ghana. February 20-March 7, 2016
- 2016 RSNA International Visiting Professor traveling in Brazil. April 23-May 1, 2016.

**UNIVERSITY COURSES TAUGHT:**

1981	Conducted laboratory sessions in Anatomy for second year medical students, Gross Anatomy Course at the University of California, San Diego, School of Medicine
1984-1987	Monthly lectures on Radiology to third and fourth year Harvard Medical students
1986	Lecture on the Radiology of Reproductive Anatomy given to MGH Radiology Technology students
1984-1987	Annual lectures on Skeletal Radiology given to Physical Therapy students, Simmons College, Boston, MA
1987	Monthly lecture to medical students in Radiology 401. University of California, San Diego, School of Medicine
1987-1995	Anatomy Students Radiology Course. University of California, San Diego, School of Medicine.
1992-1993	12th Annual San Diego Residents' Radiology Review Course <b>(Co-Director)</b> . University of California, San Diego, Department of Radiology.
1992 -	Core Lecture Series for Radiology Residents
1993-1999	Annual (13th, 14th, 15th, 16th, 17th, 18 <sup>th</sup> , and 19 <sup>th</sup> Annual) San Diego Residents' Radiology Review Course <b>(Director)</b> University of California, San Diego, Department of Radiology
1995-1999	Annual (1st, 2nd, 3rd, 4 <sup>th</sup> , and 5 <sup>th</sup> Annual) Breast Imaging and Interventions Course <b>(Director)</b> . University of California, San Diego, Department of Radiology
2000-2001	Annual (20 <sup>th</sup> and 21 <sup>st</sup> Annual) San Diego Residents' Radiology Review Course <b>(Co-Director)</b> . University of California, San Diego, Department of Radiology
2000-2001	Annual (6 <sup>th</sup> and 7 <sup>th</sup> Annual) Breast Imaging and Interventions Course <b>(Co-Director)</b> . University of California, San Diego, Department of Radiology

**REVIEWER:**

American Journal of Roentgenology  
Journal of Interventional Radiology

Journal of Vascular and Interventional Radiology  
Journal of Vascular Surgery  
Journal of Ultrasound in Medicine (Periodic Reviewer)  
Journal of Endovascular Surgery (Periodic Reviewer)  
Journal of American College of Radiology  
Cardiovascular and Interventional Radiology

### **EDITORIAL BOARD**

2000-2002	The Interventionalist
2005-Present	Journal of Interventional Radiology (China)

### **ABSTRACT AUTHOR**

Radiology Reports - C. V. Mosby Company [publishers]  
Journal of Vascular & Interventional Radiology

### **COMMITTEES**

#### **Department of Radiology**

1996-2002	Resident Selection Committee
1996-2012	Program Director for Vascular and Interventional Radiology Fellowship
1997	Radiology Executive Committee
1998-2001	Resident Education
1996-1998	Reimbursement Oversight Committee
1997 - Present	Imaging Executive Committee
2000-2003	Radiology PACS Committee
2000-2001	Radiology Departmental Representative to the Academic Senate
2003	Radiology Department Promotions Committee

#### **Hospital:**

#### **Veterans Affairs Hospital Committees**

1988-1993	Quality Assurance Committee
1988-1993	Surgical Case Review Committee
1997-2000	VA PACS Teleradiology Work Group

2008- 2009	Faculty Council Committee on University-VA Interface (CUVAI)
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**University of California, San Diego Hospital Committees**

1990-1995	Medical Risk Management Committee
1991-1995	Quality Management Process - Radiology Committee
1993-1995	Information Technology Work Group
1994-1995	Internal Delivery System Enhancement Task Force
1995-1996	Internal Delivery Task Force
1995-1996	Diagnostic Services Process Action Team
1997-1999	Community and Government Relationships Coordinating Committee, UCSD Health Sciences Planning
1999-2003	Credentials Committee
2002-2002	Vice-Chair Credentials Committee
2000-2012	Board of Governors (elected office) Re-elected in 2003, 2006, 2009
2000	Board of Governors Finance Committee
2001-2002	Health Sciences Executive Committee
2001-2002	Medical Staff Executive Committee (MSEC)
2003	Products Assessment Committee
2004	Perioperative Services Committee
2005-2012	Medical Staff Executive Committee (MSEC)
2005-2012	Patient Care & Peer Review Committee (PCPRC)
2005-Present	Quality Council Committee
2005-Present	Professional Standards Committee
2005-2007	Vice-Chief of the Medical Staff
2007-2009	Chief of the Medical Staff
2009-2011	Past Chief of the Medical Staff
2011-2012	Quality Improvement Divisional Representative (QIDR) Funding
2013-2014	AOCS Education Sub-Committee

**Thornton Hospital Committees**

1989-1993	Radiology Planning Committee – Thornton Hospital
1989-1993	Radiology Planning Committee - Perlman Ambulatory Care Center
1992-1996	Communications and Marketing Task Force
1992-1996	Information System, Patient Care Delivery System Committee
1993-1996	Medical Staff Development Sub-Committee
1993-1996	Patient Focused Care Committee
1993-1996	Thornton Hospital Medical Staff Committee



## **Medical School**

1989-present	Medical School Advisor - UCSD School of Medicine
1995-1998	Clinical Activities Group Committee - UCSD School of Medicine
1995-1999	Standing and Promotions Committee - UCSD School of Medicine
1997-1999	Human Subjects Committee
2002	Steering Group - Academy of Clinician Scholars (AOCS)
2003	Academy of Clinician Scholars
2003	Executive Committee, Academy of Clinician Scholars
2003-2007	Chair of Membership Committee, Academy of Clinician Scholars
2004-2006	Vice-President, Academy of Clinician Scholars
2006-2007	President, Academy of Clinical Scholars
2007-2009	Past-President, Academy of Clinical Scholars

## **University**

2001-2002	Advisory Committee on University Interaction with Industry
2009	LCME Institutional Setting Committee
2015-2016	Committee on Academic Personnel (CAP)

## **Local**

1990-1993	Ad Hoc Interventional Radiology Liaison Committee San Diego Foundation for Medical Care
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## **State**

1996-1999	Member of the Carrier Advisory Committee for California Medicare
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## **National**

### **Society of Interventional Radiology (Formerly, the Society of Cardiovascular and Interventional Radiology)**

1989- present	Standards of Practice Committee
1989-1997	Educational Materials Committee
1990- 2002	Strategic Planning Committee
1990-1997	Public Relations Committee
1993-1994	Program Director for 1994 Annual Meeting Committee

1993-1997	Scientific Program Committee
1994-1998	Alternate Counselor to American College of Radiology
1994-1997	Technology Assessment Committee
1994-1998	Research Committee
1995-1996	Chair, Nominating Committee
1995-1996	Five Year Review Committee
1995-1996	Chair, Council Advisory Committee
1995-1996	RUC Survey Group
1996-1998	Delegate to American Medical Association
1996-1997	Chair, Gold Medal Selection Committee
1996-present	FDA Committee
1996	Government Affairs and Health Policy Committee
1997-1999	Chair, SCVIR/FDA Device Forum
1997-2001	SCVIR Representative to American Society of Neuroradiology (ASNR)
1997-1998	Chair, SVS/ISCVS Task Force (Vascular Surgery Liaison Committee)
1997	Representative to the Carrier Advisory Committee for California Medicare
1998-2004	Counselor to American College of Radiology
1998	Council Advisory Committee
1998-1999	CIRREF Development Committee
1998	Practice Affairs Committee
1998-1999	Executive Council Intersociety Liaison
2000	Educational Programs Committee
2002	Specialty Development Task Force
2007-2009	Alternate Counselor to American College of Radiology

### **American College of Radiology**

1995-2001	Commission on Interventional & Cardiovascular Radiology
1995-2001	Commission on Government and Public Relations
1995-2001	Chair of the Committee on Government and Public Relations of the Commission on Interventional & Cardiovascular Radiology
1995-2002	Commission on Interventional & Cardiovascular Radiology Committee on Standards and Accreditation
1996-1999	ACR Task Force for Appropriateness Criteria Expert Panel on Interventional Radiology - Panel Member Committee on Interventional Accreditation
1997	ACR Strategic Planning Committee

1997-2000	ACR Stroke Task Force of the Commission on Standards and Accreditation
1998-2003	ACR Oncologic Imaging Network (ACROIN) - Independent Data and Safety Monitoring Committee (DSMC)
2001	ACR Editorial Review Board for Education Projects
2002	Co-Chair of the Subcommittee to Revise Standard for the Performance of Diagnostic Infusion Venography
2002-2004	Council Steering Committee (elected position)
2003 - present	ACR Interventional Practice Guidelines Committee
2004-2006	Re-elected Council Steering Committee
2005-2007	ACR Advisory Committee on Diagnostic Imaging Policy
2008-2010	ACR Committee on Safety under the Commission of Quality and Safety
2011 - present	American Institute of Radiologic Pathology (AIRP) Board
2011- present	Audit Committees
2011- present	Board of Chancellors - Interventional Commission
2011- present	Secretary – Treasurer
2011- present	Budget and Finance Committee
2011- present	Commission on Interventional & Cardiovascular Radiology
2011- present	Committee on Scenario and Strategic Planning
2011- present	Executive Committee
2012- present	ACR Task Force for Clinical Practice of Interventional Radiology and Interventional Neuroradiology
2013	CEO Search Committee

### **Western Angiographic and Interventional Society**

1993-1997	Executive Committee (Secretary-Treasurer, Vice President, President, Past President)
1994	Program Director for 1994 Annual Meeting

### **Radiological Society of North America**

1993-1998	Program Committee's Subcommittee on Cardiovascular Radiology
1997-2007	Member of Corporate Advisory Council - RSNA Research and Education Fund
1998-1999	Member of the Committee on Health Policy and Practice
1998	Research and Development Committee's FDA Committee
2002-2004	Chair, Vascular and Interventional Subcommittee of the Scientific Program Committee
2002-2010	Member (Interventional) of the RSNA-ACR Public Information Website Committee
2004-2010	Chair, Vascular & Interventional Subcommittee of the

	Refresher Course Committee (reappointed to second and third term)
2006-2010	Member of the RSNA-ACR Public Information Advisory Committee
2010-Present	Member of Public Information Advisors Network (PIAN)

### **American Board of Radiology**

1994-present	Examiner for Certificate of Added Qualifications in Vascular and Interventional Radiology
1998-present	Examiner for American Board of Radiology
1999-2001	Appointed to the Vascular/Interventional Radiology (VIR) Recertification Committee
2001-2009	Trustee of the American Board of Radiology (elected position)
2003-2009	Budget & Finance Committee
2009-2012	VIR MOC Cognitive Exam Committee Volunteer group for Diagnostic Radiology
2013	Radiology Subspecialties Milestones Committee
2015	Associate Executive Director for Interventional Radiology

### **American Heart Association**

1995-1999	Executive Committee Council of Cardiovascular Radiology
1999-2005	Council of Cardiovascular Radiology Nominating Committee Member
2000-2002	Council on Cardiovascular Radiology Membership/Credentials Committee Member
2002-2006	Council on Cardiovascular Radiology and Intervention Leadership Committee Member-at-Large
2005-Present	Communications Committee for the Council on Cardiovascular Radiology & Intervention, Member

### **Food and Drug Administration**

1996-2002	Appointed to the FDA's Circulatory System Devices Panel
1998	Special representative to the FDA's Neurological Devices Panel of the Medical Devices Advisory Committee Meeting, June 12, 1998
1999	Special representative to the FDA's Obstetrics and Gynecology Devices Panel Meeting, October 4, 1999.
2000	Special representative to the FDA's Neurological Devices Panel of the Medical Devices Advisory Committee Meeting,

**Carotid Angioplasty/Stenting Project Registry, Carotid Endarterectomy/ Balloon Angioplasty Study Group (CASPR/CEBAS)**

1996-1998 Planning Investigator

**Intravascular Radiation Therapy for Restenosis**

1996-1997 Committee Member

**National Institute of Health**

1997 Special Member - Diagnostic Radiology Study Section

**NIH - National Heart, Lung and Blood Institute**

2006- 2011 Claudication: Exercise Versus Endoluminal Revascularization (CLEVER) Trial. Protocol Review, Data and Safety Monitoring Board (DSMB)

2008-2009 Acute Venous Thrombosis: Thrombus Removal With Adjunctive Catheter-Directed Thrombolysis (ATTRACT) Study, Protocol Review, Member of Data and Safety Monitoring Board (DSMB)

**Society for Minimally Invasive Therapy (SMIT)**

1998 International Advisory Committee

1998-2003 Steering Committee

**Food and Drug Law Institute**

1997 Program Planning Committee for "A Workshop on Designing More Effective Clinical Trials: with a Special Emphasis on Medical Devices" held in Washington, D.C., October 24-25, 1997.

1999 Program Planning Committee for "Medical Device and Clinical Trial Development & Design: A Workshop" held in Washington D.C., April 24-26, 1999.

### **Health Care Financing Administration (HCFA)**

1999-2003 Member of the Medical Devices and Prosthetics Panel of the Medicare Coverage Advisory Committee

### **American Association for Women Radiologists**

2002 Committee to Promote the Advancement of Women in Radiology  
2002 ACR Councilor Committee

### **National Institute of Biomedical Imaging and Bioengineering**

2002 Planning Committee

### **Accreditation Council for Graduate Medical Education (ACGME)**

2003-2010 Diagnostic Radiology Resident Review Committee (RRC)  
2008-2010 Vice-Chair of Radiology RRC  
2012-2018 Appeals Panel Member for Diagnostic Radiology

### **INTERNATIONAL**

2015-Present Canadian Association of Radiology (CAR Board Member)

### **BOARD OF DIRECTORS**

1993 - 1998 San Diego Radiology Research and Education Foundation  
1994 - 1998 Director, Cardiovascular and Interventional Radiology Research and Education Foundation

### **DATA SAFETY AND MANAGEMENT BOARDS:**

2006- Plasmin Safety Data Monitoring Committee (chair) for Grifols (previously Talecris Biotherapeutics)

2011- Data and Safety Monitoring Board (chair) for Denali IVC filter trial.  
Bard Peripheral Vascular

**GRANT FUNDING:**

**Title of Research Project**

1997-1998	The Safety & Equivalence of the Cordis 7F Hydrolyser Thrombectomy Catheter in the Percutaneous Removal of Newly Formed Thrombus from Dialysis Shunts Used to Dialyze Patient's with End Stage Renal Disease (ESRD) in Comparison to Pulse-Spray Administration of Urokinase. Funded by Cordis Corporation for \$7000. UCSD Committee on Investigations Involving Human Subjects Project #970155
1998-2000	Percutaneous Mechanical Thrombectomy (PMT) Study. Funded by Baxter Healthcare Corporation for \$71,640.25 (For thirty patients). UCSD Committee on Investigations Involving Human Subjects Project #980503.
1998-1999	A Randomized Clinical Trial to Evaluate the Efficacy and Safety of the Symphony Nitinol Stent System As Compared to the Schneider Wallstent in the Treatment of Patients with Iliac Artery Stenoses that Have Had a Suboptimal Angioplasty Result. Funded by Boston Scientific Corporation. UCSD Committee on Investigations Involving Human Subjects Project #980701. (Project Suspended by Boston Scientific Corporation on 7/13/99).
2000-2002	A Randomized, Prospective, Multicenter, Comparative, Evaluation of the Wallstent Iliac Stent and the Bard Memotharm Iliac Stent for the Treatment of Iliac Occlusive Disease. Funded by Bard Peripheral Technologies (C.R. Bard, Inc.). UCSD Committee on Investigations Involving Human Subjects Project #991081.
2000-2002	Evaluation Viatorr Endoprosthesis for creation and revision of transjugular intrahepatic portosystemic shunts. Funded by WL Gore & Associates.
2001-2002	Cook Gunther Tulip Vena Cava MReye Retreivable Filter. Funded by Cook Corporation.
2001-2002	An evaluation of the safety and efficacy of the Bacchus Thrombectomy Catheter as compared to either the Arrow-

- Trerotola Percutaneous Thrombectomy Device or the Arrow-Trerotola over-the-wire percutaneous thrombectomy device in the treatment of thrombosed hemodialysis access grafts. Funded by Bacchus Vascular Corporation.
- 2001-2002 Uterine Artery Embolization Fibroid Registry Outcomes Database. Funded by The Cardiovascular and Interventional Education and Research Foundation
- 2006-2007 Long Term Retrievability of the Gunther Tulip Vena Cava Filter Study
- 2006 Co-Investigator: HRPP # 060678. A Prospective Randomized Multi-Centered Safety and Efficacy Evaluation of the Bio-Seal Biopsy Track Plug for Reducing Pneumothorax Rates Post Lung Biopsy Procedures. Protocol BS-1053 Rev. 4-11-06 (Sponsored by Biopsy Sciences LLC)
- 2007 Co-Investigator: A Phase 3, Open-Label, Multi-Centre Study to Determine the Efficacy and Safety of VISIPAQUEO [todixanol] Injection For Use in Intravenous Contrast-Enhanced CT Angiography of Abdominal Visceral Vessels [Study Sponsor Amersham Health] Protocol N. DVX-304
- 2007 Co-Investigator: A Phase 3, Open-Label, Multi-Centre Study of Efficacy and Safety of VISIPAQUEO [todixanol] in Subjects with Suspected Peripheral Arterial Occlusive Disease Undergoing Intravenous Contrast-Enhanced CT Angiography [Study Sponsor Amersham Health] Protocol No. DXV-303
- 2007 Co-Investigator: CT 1030: A Phase I/II Open-Label Study [with a Sequential Dose Escalating Stage Followed by an Expansion of a Dose Cohort], to Evaluate the Safety and Anti-Tumor Effect of NV 1020, Administered Repeatedly Via Hepatic Artery Infusion Prior to Second Line Chemotherapy, in Patients with Colorectal Adenocarcinoma Metastatic to the Liver 1/2004 to present. MediGene, Inc. Grant
- 2007 Co-Investigator: A Randomized Phase II, Study of TNFERADE<sub>α</sub> Biologic with 5-FU and Radiation Therapy for First Line Treatment of Unresectable Locally Advanced Pancreatic Cancer 1/2004 – present. Gen-Vec, Inc. Grant
- 2007 Co-Investigator: A Non-randomized Prospective Registration Study of IVC Filter Retrieval out to 12 weeks without Interim Filter Manipulation Utilizing an FDA Approved Device, the Cook, Inc.



	Tulip Vena Cave Filter 2/2006 – present. Cook, Inc. Grant
2006-2008	A Clinical Study to Evaluate the Safety and Efficacy of MR Guided Focused Ultrasound Treatment of Uterine Fibroids with Enhanced Sonication Techniques. Sponsor - Insightec. Inc.
2008-	Patient Long-Term Follow-up on the Efficacy of MR guided Focused Ultrasound Treatment of Uterine Fibroids - Sponsor - Insightec. Inc.
2008- 2012	Co-Investigator: A Pivotal Study to Evaluate the Effectiveness and Safety of MR guided Focused Ultrasound Treatment of Metastatic Bone Tumors for the Palliation of Pain in Patients who are not candidates for radiation therapy. Sponsor - Insightec. Inc.
2009	Principle Investigator: Advanced Applications in Image Guided Therapy Using Dyna CT Acquisition Systems, Siemens Medical Systems (10 year grant)
2010-	Principal Investigator: A Phase IV Clinical Study to Evaluate the Safety of MR-Guided Focused Ultrasound Treatment of Uterine with Enhanced Sonication Techniques. Sponsor - Insightec. Inc.

#### **PUBLISHED INTERVIEWS:**

2005	"An Interview with Anne C. Roberts, M.D.: A Past President of SIR Discusses Her View on the Importance of Clinical Practice and Her Experiences at the FDA", <i>Endovascular Today</i> , May 2005, Volume 4, No. 5., pages 73-74
2004	"Profile: Anne Roberts", <i>Interventional News</i> , Issue 15 (July- September 2004), pp 8-9
2016	Roberts, Anne C. Interview by John Hocter. "ACR, medical society coalition publish recommendations for peripheral arterial disease care." Web. Health Imaging, April 12, 2016.lecl

#### **PUBLICATIONS**

## PEER REVIEWED PUBLICATIONS

\* Indicates Trainee

1. Bookstein JJ, Fellmeth B, **Roberts A**, Valji K, Davis G, Machado T. Pulsed-spray pharmacomechanical thrombolysis: Preliminary clinical results. **American Journal Of Roentgenology**, 1989; 152:1097-1100.
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4. Hye RJ, Mitchell AT, Dory CE, Freischlag JA, **Roberts AC**. Analysis of the transition to percutaneous placement of Greenfield filters. **Archives of Surgery**, 1990; 125:1550-1553.
5. Fellmeth BD, **Roberts AC**, Bookstein JJ, Freischlag JA, Forsythe JR, Buckner NK, Hye RJ. Post-angiographic femoral artery injuries: Non-surgical repair with ultrasound-guided compression. **Radiology** 1991; 178:671-675.
6. Valji K, Bookstein JJ, **Roberts AC**, Davis GB. Pharmacomechanical thrombolysis and angioplasty in the management of clotted hemodialysis grafts: Early and late clinical results. **Radiology** 1991; 178:243-248.
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9. Standards of Practice Committee of the Society of Cardiovascular and Interventional Radiology: Spies JB, Bakal CW, Burke DR, Cardella JF, Drooz A, Edwards ME, Husted JW, Palestrant AM, Pentecost MJ, **Roberts AC**, et al. Angioplasty Standard of Practice. **J Vasc Interv Radiol**, 1992; 3:269-271.
10. Sanchez RB, **Roberts AC**, Valji K, Lengle S, Bookstein JJ. Wallstent misplaced during transjugular placement of an intrahepatic portosystemic shunt: Retrieval with a loop snare. **American Journal of Roentgenology**, 1992; 159:129-130.
11. **Roberts AC**. Venous imaging and inferior vena cava filters. **Current Opinion in Radiology** 1992; 4:88-96.

12. \*Bayer H, **Roberts A**, Hye R, Davis G, Freischlag J. Determinants of failure in superficial artery angioplasty. **Angiology** 1992; 43(11): 877-885.
13. Standards of Practice Committee of the Society of Cardiovascular and Interventional Radiology: Spies JB, Bakal CW, Burke DR, Cardella JF, Dawson SL, Drooz AT, Palestrant AM, Pentecost MJ, **Roberts AC**, et al. Standard for diagnostic arteriography in adults. **J Vasc Interv Radiol**, 1993; 4:385-395.
14. **Roberts A**. Update on vascular surgery. **Audio-Digest General Surgery** 1993; 40(12): Side A.
15. **Roberts AC**, Valji K, Bookstein JJ, Hye R. Pulse-spray pharmacomechanical thrombolysis for treatment of thrombosed dialysis access grafts. **American Journal of Surgery** 1993; 166:221-226.
16. Valji K, Bookstein JJ, **Roberts AC**, Sanchez RB. Occluded peripheral arteries and bypass grafts: Lytic stagnation as an end point for pulse-spray pharmacomechanical thrombolysis. **Radiology** 1993; 188(2): 389-394.
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18. \*Steinsapir ES, \*Coley BD, Fellmeth BD, **Roberts AC**, Hye RJ. Selective management of iatrogenic femoral artery injuries. **Journal of Surgical Research** 1993; 55(1): 109-113.
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21. Bookstein JJ, Valji K, **Roberts AC**. Intrathrombic Administration of Lytic Adjuncts. **Radiology** 1994; 193(2): 324.
22. **Roberts A**, Olson E, Wong W, Nelson T, Orth A, Rueger W. First clinical experiences in a digital radiology department. **Computer Applications to Assist Radiology** 1994; 39-42.
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24. Ronaghi AH, **Roberts AC**, Rosenkrantz H. Intraaortic biopsy of a primary aortic

- tumor. **J Vasc Interv Radiol**, 1994; 5(5): 777-80.
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79. \*Goei AD, Valji K, **Roberts A**. Management of Pneumothorax Ex Vacuo Following Drainage of Malignant Pleural Effusions. 30<sup>th</sup> Annual Scientific Meeting of the Society of Interventional Radiology 2005: Celebrating 30 Years of Innovation, Education, and Patient Care. JVIR Supplement, 2005;16(2)S90-S91.
80. **Roberts, AC**. Pelvic Congestion Syndrome. European Society of Radiology, Vienna, Austria. March 3-7, 2006. ECR 2006 **European Radiology**, Supplement 1 p.16.
81. **Roberts AC**. What does FDA approval mean? Presented at the CIRSE, September 8-12, 2007 in Athens, Greece. Main Programme and Abstract Book p141-142.
82. \*Iussich G. **Roberts AC**. Reduction of pelvic pain and evaluation of satisfaction level in women treated with MR guided focused ultrasound (MRfFUS) ablation for uterine fibroids. CIRSE, September 8-12, 2007 in Athens, Greece. Main Programme and Abstract Book p 273.
83. **Roberts A**. Outcome of Lysis and Mechanical Thrombectomy (Arterial). CIRSE 2008 Annual Meeting and Postgraduate Course, September 13-17, 2008 in Copenhagen, Denmark. Main Programme and Abstract Book p 129.
84. **Roberts A.C**. MR guided focused ultrasound: Uterus. CIRSE 2009 Annual Meeting and Postgraduate Course, September 19-23, 2009 in Lisbon, Portugal. Main Programme and Abstract Book p 157.
85. **Roberts A.C**. Pelvis congestion syndrome. CIRSE 2010 Annual Meeting and Postgraduate Course. October 2 – 6, 2010 in Valencia, Spain.
86. **Roberts A.C**. MR Guided Focused Ultrasound: Does it have a role in fibroid Management? CIRSE 2010 Annual Meeting and Postgraduate Course. October 2 – 6, 2010 in Valencia, Spain. Main Programme and Abstract Book. p 160

87. **Roberts A.C.** Pelvic Congestion Syndrome: Technique and Outcome. CIRSE 2010 Annual Meeting and Postgraduate Course. October 2 – 6, 2010 in Valencia, Spain. Main Programme and Abstract Book. p 177
88. \*Kansagra AP, Miller CV, **Roberts AC**. Novel Percutaneous Method for the Treatment of Obstructive Vaginal Anomalies. Association of University Radiologist, 2011 (Boston, MA, USA).
89. **Roberts AC**. How to embolize postpartum haemorrhage: embolics and technique. Cardiovascular and Interventional Radiological Society of Europe, 2011 (Munich, Germany). Main Programme and Abstract Book. p 168-169
90. **Roberts AC**. MRgHIFU for fibroids will not replace UFE. Cardiovascular and Interventional Radiological Society of Europe, 2011 (Munich, Germany). Main Programme and Abstract Book. p 293
91. Chao CH, **Roberts AC**, Kinney TB, "Survey of SIR Members on the Certification/CAQ process for Vascular & Interventional Radiology," Society of Interventional Radiology's 39th Annual Scientific Meeting, March 22-27, 2014.

## BOOK REVIEWS

1. **Roberts AC**. Review of Interventional Radiology. Uflacker R, Wholey M, Eds. New York: McGraw-Hill, pp. 619, 1991. **American Journal of Roentgenology**, 160:1256, 1993.

## INTERNET

1. **Roberts AC**. My Approach to the Urokinase Conundrum. Endovascular Forum. April 20, 1999, Opinion & Editorial page.

## VIDEO

1. **Roberts AC**. The Role of Thrombolysis in Dialysis Access Occlusion. On: APCCVIR '97 "Thrombolysis" Hypothetical Plenary Session Videotape. Sponsored by Serono at the APCCVIR '97- The Third Asian-Pacific Congress of Cardiovascular & Interventional Radiology, Melbourne, Australia, April 10, 1997.

## SCIENTIFIC POSTERS / EXHIBITS

1. Kinney TB, Chen HT, Rose SC, Valji K, **Roberts AC**. Complications of Thoracic

- Interventions: Evaluation of Contributing Factors. 28<sup>th</sup> Annual Scientific Meeting of the Society of Interventional Radiology 2003: Reaching New Heights of Excellence in Journal of Vascular and Interventional Radiology Supplement, 2003;14(2)S89.
2. Adrade Barreto OA, Brown MA, Tang LE, Mattrey RF, **Roberts AC**. MR Evaluation of Placenta Accreta: Indications, Techniques, Interpretation, Pitfalls, and Impact on Management. Radiological Society of North America's 89<sup>th</sup> Scientific Assembly and Annual Meeting, November 30-December 5, 2003;p739.
  3. Kinney TB, Chen HT, Rose SC, Valji K, **Roberts AC**. Complications of thoracic interventions. CIRSE 2004: Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Main Programme and Abstracts, September 25-29, 2004; P75.
  4. \*Goei AD, Valji K, **Roberts A**. Management of Pneumothorax Ex Vacuo Following Drainage of Malignant Pleural Effusions. 30<sup>th</sup> Annual Scientific Meeting of the Society of Interventional Radiology 2005: Celebrating 30 Years of Innovation, Education, and Patient Care. JVIR Supplement, 2005;16(2)S90-S91.
  5. \*Kaufman C., Kaufman J., **Roberts AC**., Harper C., Khalfi K., Guerbet M. LIPIODOL® (Ethiodized Oil Injection) as an intravascular contrast agent: History and Current Applications. Society of Interventional Radiology IR Evidence, Moscone, San Francisco, CA March 24-29,2012.
  6. \*Ramaswamy R., Jani AR., **Roberts AC**., Kinney TB. Alternative venous access: options in challenging catheter-dependent patients. CIRSE 2012: Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Main Programme and Abstracts, September 15-19, 2012; P74.
  7. \*Ramaswamy R., Jani AR., **Roberts AC**., Kinney TB. The bronchial and intercostal arteries: how to stay out of trouble. CIRSE 2012: Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Main Programme and Abstracts, September 15-19, 2012; P114.
  8. \*Picel A., \*Koo S., **Roberts AC**. Imaging diagnosis and transcatheter embolization of acquired uterine vascular malformations. CIRSE 2012: Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Main Programme and Abstracts, September 15-19, 2012; P172.
  9. \*Chao C, \*Tan J, Castillo E, Zawaideh M, **Roberts AC**, Kinney TB. Comparative Efficacy of Intra-operative interfaces for Interventional Radiologists: The Microsoft Kinect Device, Hillcrest Labs Loop Pointer and the Apple iPad. Radiological Society of North America's 98<sup>th</sup> Scientific Assembly and Annual Meeting, November 25-30, 2012; P98.



10. \*Ramaswamy R., Jani AR., **Roberts AC.**, Kinney TB. The bronchial and intercostal arteries: how to stay out of trouble. Radiological Society of North America's 98<sup>th</sup> Scientific Assembly and Annual Meeting, November 25-30, 2012; P443.
11. \*Sood N., **Roberts AC.**, Thistlethwaite PA., Singh M. Preoperative CT-guided needle localization of pulmonary nodules. CIRSE 2013: Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Main Programme and Abstracts, September 14-18, 2013; P49.

## **PRESENTATIONS**

1. Pulmonary Embolism and Transcatheter Therapy. Presented at 12th Annual San Diego Postgraduate Course. October 16, 1987.
2. Kimray Greenfield Filter: Safety of percutaneous insertion via the femoral vein. Presented at RSNA in Chicago, ILL. November 29 - December 4, 1987.
3. Fibrinolytic Therapy in Thrombosed Grafts and Arteries. Presented at 11th Annual San Diego Postgraduate Assembly in Surgery. January 21, 1988.
4. IVC Interruption. Presented at Trauma Conference UCSD. May 18, 1988.
5. Nitinol Filter for IVC Interruption. Presented at Trauma Conference UCSD. June 7, 1988.
6. Doppler Ultrasound in Diagnosis of Deep Venous Thrombosis. UCSD Medical Residents Conference. September 6 - 8, 1988.
7. Nitinol IVC Filters - Early Experience. Presented at Western Angiographic and Interventional Society Meeting, San Diego, CA. October 13 - 16, 1988.
8. Pulmonary Embolism Acute and Chronic, and Transcatheter Therapy. Presented at 13th Annual San Diego Postgraduate Course. October 31 - November 4, 1988.
9. Peripheral Angioplasty. Presented at the 8th Annual Interventional Course, San Diego, CA. November 4 - 6, 1988.
10. Inferior Vena Cava Filters. Presented at the 8th Annual Interventional Course, San Diego, CA. November 4 - 6, 1988.
11. Pulmonary Embolism, the Radiologist's Role. Presented at Pulmonary Conference Scripps Clinic. November 9, 1988.
12. Pulmonary Embolism Acute and Chronic, and New Inferior Vena Cava Filters.

Presented at Advanced Seminars in Diagnostic Imaging. January 13, 1989.

13. Transcatheter Therapy for Peripheral Vascular Disease - Angioplasty and Thrombolysis. Presented at Advanced Seminars in Diagnostic Imaging. January 14, 1989.
14. Radiologic Evaluation of Abdominal Aortic Aneurysms. Presented at 12th Annual San Diego Postgraduate Assembly in Surgery. January 20, 1989.
15. Advances in Inferior Vena Cava Filters. Presented at Southern California Interventional Society Meeting, Los Angeles, CA. April 13, 1989.
16. Pulmonary Embolism: Need for More Aggressive Diagnosis. Presented at University of Southern California, Radiology Resident Conference as Visiting Professor. April 14, 1989.
17. Radiologic Pulmonary Interventions. Presented at Medical Chest Conference at University of California, San Diego. April 20, 1989.
18. Vascular Techniques. Presented at Introduction to Interventional Radiology, San Diego, CA. April 22, 1989.
19. Pulsed Spray Thrombolysis. Presented at Radiology Rounds, University of Minnesota as Visiting Professor. July 6, 1989.
20. Thrombolysis, New Techniques. Presented at Radiology Department, Massachusetts General Hospital. July 12, 1989.
21. Trauma to Vessels. Presented at 14th Annual San Diego Post Graduate Radiology Course, San Diego, CA. October 30 - November 3, 1989.
22. Angiographic Embolization Procedures. Presented at 14th Annual San Diego Post Graduate Radiology Course, San Diego, CA. October 30 - November 3, 1989.
23. Thrombolysis and Embolization. Presented at 9th Annual Interventional and Imaging Radiology Course. November 3 - 5, 1989.
24. Vascular Techniques. Presented at 9th Annual Interventional and Imaging Radiology Course, San Diego, CA. November 3 - 5, 1989.
25. IVC Filters. Presented at 9th Annual Interventional and Imaging Radiology Course, San Diego, CA. November 3 - 5, 1989.
26. Percutaneous Placement of Inferior Vena Cava Filters. Presented at Medical Grand Rounds, St. John's Hospital, Lowell, Massachusetts. November 17, 1989.

27. Interventional Angiographic Procedures. Presented at Advanced Seminars in Diagnostic Imaging, Laguna Niguel, CA. January 20, 1990.
28. Vascular Trauma. Presented at Advanced Seminars in Diagnostic Imaging, Laguna Niguel, CA. January 20, 1990.
29. Pulmonary Embolism, Diagnosis and Therapy. Presented at Radiology Grand Rounds. University of California, Irvine. March 21, 1990.
30. IVC Filters. Presented at 15th Annual Society for Cardiovascular and Interventional Radiology Workshop. Miami, Florida. March 28, 1990.
31. Acute Pulmonary Embolism Presented at Medical Grand Rounds, University of California, San Diego. April 11, 1990.
32. Peripheral Angiography: Diagnosis and Intervention. Presented at the 10th Annual Residents' Radiology Review Course, San Diego, CA. April 15 - 20, 1990.
33. Visceral Angiography. Presented at 10th Annual Resident Radiology Review Course, San Diego, CA. April 15 - 20, 1990.
34. Basic Interventional Vascular Techniques. Presented at the Spring Interventional Course, San Diego, CA. April 21, 1990.
35. PFOB Gray Scale Enhancement of Perfused Tissue. Presented at Meeting of Association of University Radiologists, Minneapolis, MN, April 24, 1990. Authors: \*Coley BD, **Roberts AC**, Keane SF, Mattrey RF.
36. PFOB Aided Sonography Can Detect Partial Renal Infarction. Presented at Meeting of American Roentgen Ray Society, Washington, DC, May 13-18, 1990. Authors: \*Coley BD, **Roberts AC**, Keane SF, Mattrey RF.
37. Roles of Transcatheter Hemostasis: Gut, Kidney, Bronchials, Trauma. Presented at Radiology for Non-Radiologists, San Diego, CA. July 19 - 22, 1990
38. Emergency Angiography and Therapeutic Interventions. Presented at Seminars for ICU and ER Nurses, San Diego, CA. September 13, 1990.
39. Thrombolysis and Urokinase. Presented at Western Angiographic and Interventional Society, Banff, Alberta, Canada. October 11 - 13, 1990.
40. IVC Filters. Presented at the Orange County Interventional Society, Irvine, CA. October 24, 1990.
41. Arteriography of Pulmonary Hypertension. Presented at the 15th Annual San Diego Post-Graduate Radiology Course, San Diego, CA. October 22 - 26, 1990.

42. Inferior Vena Cava Filters. Presented at the 15th Annual San Diego Post-Graduate Radiology Course, San Diego, CA. October 22 - 26, 1990.
43. Placement of Inferior Vena Cava Filters. Presented at the 10th Annual Interventional Radiology Course, San Diego, CA. October 26 - 28, 1990.
44. Technique of Thrombolysis: Pulsed-Spray. Presented at the 10th Annual Interventional Radiology Course. San Diego, CA. October 26 - 28, 1990.
45. Radiological Diagnosis of Acute Pulmonary Embolism. Presented at UCSD Surgical Grand Rounds. San Diego, CA. October 27, 1990.
46. The Non-Surgical Repair of Post-Angiographic Femoral Artery Injuries Using Ultrasound-Guided Compression. Presented at the 76th Scientific Assembly and Annual Meeting of the Radiological Society of North America. Chicago, Illinois. November 25 - 30, 1990.
47. When Should a Venogram Follow a Duplex Ultrasound. Presented at Duplex Imaging. San Diego, CA. February 7 - 9, 1991.
48. Ultrasound Compression of Pseudoaneurysms. Presented at Duplex Imaging. San Diego, CA. February 7 - 9, 1991.
49. Thrombolysis - How I Do It. Workshop presentation at the Society for Cardiovascular and Interventional Radiology. San Francisco, CA. February 18, 1991.
50. Thrombolysis, Advanced Techniques. Workshop presentation at the Society for Cardiovascular and Interventional Radiology. San Francisco, CA. February 18, 1991.
51. Thrombolysis, the Clinical Aspects. Presented at the Society for Cardiovascular and Interventional Radiology. San Francisco, CA. February 20, 1991.
52. Approach to Pulmonary Embolic Disease. Presented at Advanced Seminars in Diagnostic Imaging. Laguna Niguel, CA. March 3, 1991.
53. Treating Atherosclerotic Disease - Angioplasty and Atherectomy. Presented at Advanced Seminars in Diagnostic Imaging. Laguna Niguel, CA. March 3, 1991.
54. Pulsed-Spray Thrombolysis. Presented at Radiology Grand Rounds. University of California, Irvine. April 10, 1991.
55. Diagnostic and Interventional Angiography. Presented at Eleventh Annual San Diego Residents' Radiology Review Course. San Diego, CA. April 21-26, 1991.
56. Gastrointestinal Bleeding. Presented at Spring Interventional Radiology Course. San

Diego, CA. April 27, 1991.

57. Angioplasty and IVC filters. Presented at Spring Interventional Radiology Course. San Diego, CA. April 27, 1991.
58. Diagnostic Angiography and Vascular Intervention at Vascular Nursing Symposium. VA Medical Center, San Diego, CA. June 26, 1991.
59. Chronic Pulmonary Embolism -- Radiographic Diagnosis and Transcatheter Adjunct Therapy. Presented at Radiology for Non-Radiologists. San Diego, CA. July 18-21, 1991.
60. Radiographic Approach to Chronic Pulmonary Embolism. Presented at Radiology and Clinical Correlation for Non-Radiologists. San Diego, CA. August 12-26, 1991.
61. Emergency Angiography. Presented at Seminars for ICU and ER Nurses. San Diego, CA. September 10-13, 1991.
62. Ultrasound Guided Compression Repair of Post Angiographic Femoral Artery Lesions. Presented at Western Angiographic and Interventional Society. Laguna Niguel, CA. October 3-6, 1991.
63. Pulsed Spray Thrombolysis - What's New in Theory and Practice. Presented at Western Angiographic and Interventional Society. Laguna Niguel, CA. October 3-6, 1991. Authors: Bookstein J, **Roberts AC**, Valji K.
64. Care of the Patient During Angio/Interventional Procedures. Presented at the 16th Annual San Diego Postgraduate Radiology Course. San Diego, CA. October 28-November 1, 1991.
65. Arteriography of the lower extremity - Techniques and Interpretation. Presented at the 16th Annual San Diego Postgraduate Radiology Course. San Diego, CA. October 28-November 1, 1991.
66. Inferior Vena Cava Filters. Presented at Diagnosis and Management of Chronic Major Vessel Thromboembolic Pulmonary Hypertension. San Diego, CA. November 1-3, 1991.
67. Vena Cava Filters. Presented at the 11th Annual Interventional Radiology Course. San Diego, CA. November 1-3, 1991.
68. Endovascular Devices in Treatment of Venous Problems. Presented at the Cardiovascular Institute Program on New Technology in Vascular Disease. San Diego, CA. January 17, 1992.
69. Angiographic Procedures for Upper GI Bleeding. Presented at the 15th Annual San

Diego Postgraduate Assembly in Surgery. San Diego, CA. February 10, 1992.

70. Percutaneous Intervention in Arterial Occlusive Disease. Presented at the 15th Annual San Diego Postgraduate Assembly in Surgery. San Diego, CA. February 14, 1992.
71. Angiography and Vascular Interventional Procedures. Presented at Advanced Seminars in Diagnostic Imaging. Laguna Niguel, CA. March 1, 1992.
72. Thromboembolic Diagnosis and Interventional Procedures. Presented at Advanced Seminars in Diagnostic Imaging. Laguna Niguel, CA. March 1, 1992.
73. Aortic Rupture into a Circum-Aortic Left Renal Vein. Presented at 20th Annual Symposium on Vascular Surgery. Orlando, Florida, March 26-29, 1992.
74. Advances in Peripheral Thrombolytic Therapy. Plenary Lecture at Society of Cardiovascular and Interventional Radiology. 17th Annual Scientific Meeting. Washington DC, April 4-9, 1992.
75. Pulse-Spray Pharmacomechanical Thrombolysis with T-PA. Presented at Society of Cardiovascular and Interventional Radiology. 17th Annual Scientific Meeting. Washington DC, April 4-9, 1992. Authors: Bookstein JJ, Valji K, **Roberts, AC**.
76. Angiographic Approach to Peripheral Occlusive Disease. Presented at Surgical Grand Rounds. University of California, San Diego, April 18, 1992.
77. Diagnostic and Interventional Angiography. Presented at 12th Annual San Diego Residents' Radiology Review Course. San Diego, CA, April 20, 1992.
78. Angioplasty, Atherectomy and Stents. Presented at Spring Interventional Course. San Diego, CA, April 25, 1992.
79. Transcatheter Hemostasis. Presented at Spring Interventional Course. San Diego, CA, April 25, 1992.
80. Percutaneous Portosystemic Shunts. Presented at Spring Interventional Course. San Diego, CA, April 25, 1992.
81. Selective Management of Iatrogenic Femoral Artery Injuries. Presented at Association of VA Surgeons. Albuquerque, New Mexico, April 29-May 2, 1992. Authors: \*Steinsapir ES, **Roberts AC**, Fellmeth BD, Power MA, Coley BD, Hye RJ.
82. Evaluation and Treatment of Pseudoaneurysms with Color Doppler. Presented at Duplex Imaging Course. Coronado, CA, May 22, 1992.
83. Angiographic Procedures for Upper Gastrointestinal Bleeding. Presented at Clinical

- Imaging for Non-Radiologists. San Diego, CA, July 20-24, 1992.
84. Radiologic Approach to Occluded Dialysis Grafts. Presented at Vascular Surgery Club. Oahu, Hawaii, September 21, 1992.
  85. Pulsed Spray Thrombolysis. Presented at Western Angiographic and Interventional Society. Hawaii, Hawaii, September 22-26, 1992.
  86. Intervention in Occluded Dialysis Access Grafts. Presented at Western Angiographic and Interventional Society. Hawaii, Hawaii, September 22-26, 1992.
  87. Dilemmas in the Diagnosis of Pulmonary Embolism. Presented at the 17th Annual San Diego Postgraduate Radiology Course. San Diego, CA, October 26-30, 1992.
  88. Inferior Vena Cava Filters. Presented at the 17th Annual San Diego Postgraduate Radiology Course. San Diego, CA, October 26-30, 1992.
  89. Pelvic Embolization in Trauma. Presented at the 17th Annual San Diego Postgraduate Radiology Course. San Diego, CA, October 26-30, 1992.
  90. Care of the Patient During Vascular Radiology Procedures. Presented at the 12th Annual Interventional Radiology Course. San Diego, CA, October 30-November 1, 1992.
  91. Intravascular Stents. Presented at the 12th Annual Interventional Radiology Course. October 30-November 1, 1992.
  92. Peripheral Atherectomy. Presented at the 12th Annual Interventional Radiology Course. October 30-November 1, 1992.
  93. Inferior Vena Cava Filters. The New Horizon Lecture presented at the UCSF Department of Radiology. San Francisco, CA, November 12, 1992.
  94. Care of the Patient During Angiographic Procedures. Presented at Advanced Seminars in Diagnostic Imaging. Laguna Nigel, CA, November 14, 1992.
  95. Angioplasty, Atherectomy and Stents. Presented at Advanced Seminars in Diagnostic Imaging. Laguna Nigel, CA, November 14, 1992.
  96. Further Experience with Nonsurgical Repair of Postangiographic Femoral Artery Injuries by Means of US-guided Compression. Presented at Radiological Society of North America, 78th Scientific Assembly and Annual Meeting. Chicago, IL, November 29-December 4, 1992.
  97. Angiography Techniques in Trauma-Diagnosis. Presented at California Trauma Conference. San Diego, CA, January 14-16, 1993.



98. Advances in Transluminal Therapy for Arterial Occlusive Disease. Presented at the 16th Annual San Diego Postgraduate Assembly in Surgery. San Diego, CA, January 24-29, 1993.
99. Introduction to Transjugular Intrahepatic Portosystemic Shunt - The Procedure. Presented at UCSD Topics and Advances in Internal Medicine Postgraduate Course. San Diego, CA, February 25, 1993.
100. Pharmacologic Lysis. Presented at the 18th Annual Scientific Meeting of the SCVIR. New Orleans, Louisiana, February 28-March 4, 1993.
101. Treatment and Imaging of Non-Occlusive Graft Dysfunction. Presented at Focus on Hemodialysis Access. San Diego, CA, March 13, 1993.
102. Pulsed-Spray Thrombolysis. Presented at the 36th Annual Diagnostic Radiology Postgraduate Course. San Francisco, CA, March 22-26, 1993.
103. Treatment of Pseudoaneurysm with Ultrasound Directed Manual Pressure. Presented at the 36th Annual Diagnostic Radiology Postgraduate Course. San Francisco, CA, March 22-26, 1993.
104. Pulsed-Spray Pharmacomechanical Thrombolysis for Treatment of Thrombosed Dialysis Access Grafts. Presented at the 21st Annual Symposium on Vascular Surgery. Palm Desert, CA, March 24-28, 1993.
105. Angiography and Vascular Interventions. Presented at the 13th Annual Residents' Radiology Review Course. San Diego, CA, April 18-23, 1993.
106. TIPS. Presented at the Spring Interventional Radiology Course. San Diego, CA, April 24, 1993.
107. Embolization. Presented at the Spring Interventional Radiology Course. San Diego, CA, April 24, 1993.
108. Thrombolysis-The Pulse-Spray Technique. Presented at the International Special Procedures Conference. Chicago, IL, May 17-20, 1993.
109. Angiographic Care of Dialysis Access. Presented at the International Special Procedures Conference. Chicago, IL, May 17-20, 1993.
110. Repair of Pseudoaneurysms with Ultrasound Guided Compression. Presented at the International Special Procedures Conference. Chicago, IL, May 17-20, 1993.
111. Pressure in the Portal Venous System. Presented at the 2nd Annual Interventional Hepatobiliary Radiology Course. San Francisco, CA, June 3-5, 1993.



112. Pulsed-Spray Pharmacomechanical Thrombolysis for Treatment of Thrombosed Dialysis Access Grafts. Presented at The 1993 Annual Meeting of The Western Angiographic and Interventional Society. Portland, Oregon, September 29-October 3, 1993.
113. Radiological Diagnosis in Peripheral Arterial Diseases. Presented at the Radiology for the Non-Radiologist Course. San Diego, CA, October 18-20, 1993.
114. Radiological Approach to Gastrointestinal Bleeding. Presented at the Radiology for the Non-Radiologist Course. San Diego, CA, October 18-20, 1993.
115. Dilemmas in the Diagnosis of Pulmonary Embolism. Presented at the 18th Annual San Diego Postgraduate Radiology Course. San Diego, CA, October 25-29, 1993.
116. Angiographic Techniques in Trauma-Diagnosis. Presented at the 18th Annual San Diego Postgraduate Radiology Course. San Diego, CA, October 25-29, 1993.
117. Dilemmas in the Diagnosis of Pulmonary Embolism. Presented at the 13th Annual Interventional Radiology Course: Problems and Pitfalls. San Diego, CA, October 29-31, 1993.
118. Angiographic Techniques in Trauma - Diagnosis. Presented at the 13th Annual Interventional Radiology Course: Problems and Pitfalls. San Diego, CA, October 29-31, 1993.
119. Care of the Patient During Vascular Radiology Procedures. Presented at the 13th Annual Interventional Radiology Course: Problems and Pitfalls. San Diego, CA, October 29-31, 1993.
120. Inferior Vena Cava Filters. Presented at the 13th Annual Interventional Radiology Course: Problems and Pitfalls. San Diego, CA, October 29-31, 1993.
121. Pelvic Embolization in Trauma and Malignancy. Presented at the 13th Annual Interventional Radiology Course: Problems and Pitfalls. San Diego, CA, October 29-31, 1993.
122. Evaluation of Pulmonary Embolus. Presented at the South Central Kansas Radiological Society Meeting. Wichita, Kansas, January 18, 1994.
123. Interventions in Peripheral Vascular Disease. Presented at the South Central Kansas Radiological Society Meeting. Wichita, Kansas, January 18, 1994.
124. Vascular Access: The Radiologist' View. Presented at the 13th Annual Postgraduate Course: Advanced Nephrology - Nephrology for the Consultant. San Diego, CA, January 19-22, 1994.

125. Ultrasound Guided Compression Repair of Post-catheterization pseudoaneurysms. Presented Grand Rounds at the Vascular Radiology Mini-Course. Boston, Massachusetts, February 18, 1994.
126. Thrombolysis. Presented Grand Rounds at the Vascular Radiology Mini-Course. Boston, Massachusetts, February 18, 1994.
127. Role of Vascular Radiology. Presented at the Pulmonary and Critical Care Grand Rounds. San Diego, CA, March 10, 1994.
128. Venous Thrombolysis, Angioplasty and Stenting (Commentary). Presented at the Second Annual Venous Symposium. San Diego, CA, March 12, 1994.
129. Preprocedure Testing. Presented at the 19th Annual Scientific Meeting of the Society of Cardiovascular and Interventional Radiology. San Diego, CA, March 20-24, 1994.
130. Preprocedure Evaluation. Presented at the 4th Annual Meeting of the Association of Vascular and Interventional Radiographers. San Diego, CA, March 22, 1994.
131. Diagnostic Angiography. Presented at the 14th Annual Residents Radiology Review Course. San Diego, CA, April 3-8, 1994.
132. Vascular Interventions. Presented at the 14th Annual Residents Radiology Review Course. San Diego, CA, April 3-8, 1994.
133. Inferior Vena Cava Filters. Presented at the Spring Invasive Radiology Course. San Diego, CA, April 9, 1994.
134. Thrombolysis: The Pulse-Spray Technique-Practical Tips. Presented at the International Special Procedures Conference. Chicago, IL, May 9, 1994.
135. Thrombolysis of Dialysis A-V Fistulae and Their Care. Presented at the International Special Procedures Conference. Chicago, IL, May 10, 1994.
136. Puncture Aneurysm and A-V Closure: Non-Invasive Therapy. Presented at the International Special Procedures Conference. Chicago, IL, May 10, 1994.
137. Regional Thrombolysis. Presented at the Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe (CIRSE). Crete, Greece, June 7, 1994.
138. Controversies in Vascular Imaging and Intervention. Expert Panel. Presented at the Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe (CIRSE). Crete, Greece, June 8, 1994.

139. Thrombotic Complications of Non-Fistulas Dialysis. Presented at Western Angiography and Interventional Radiology Society Meeting. Aspen, CO, September 23, 1994.
140. Treatment and Imaging of Non-Occlusive Graft Dysfunction. Presented at Focus on Venous Access: Hemodialysis, Pheresis, Chemoinfusion. Newport Beach, CA, October 1, 1994.
141. Tips: A Workshop. Presented at the 19th Annual Postgraduate Course. San Diego, CA, October 21, 1994.
142. Thrombolysis of Occluded Dialysis Grafts. Presented at the 19th Annual Postgraduate Course. San Diego, CA, October 21, 1994.
143. Pulse Spray Thrombolysis: Workshop. Presented at the 19th Annual Postgraduate Course. San Diego, CA, October 21, 1994.
144. Approach to Thrombosed Dialysis Access. Presented at the 14th Annual Fall Interventional Radiology Course. San Diego, CA, October 21, 1994.
145. Indications and Methods for Peripheral Arteriography. Presented at the Management of Peripheral Vascular Disease for the Primary Care Physician. San Diego, CA, November 12, 1994.
146. Approach to Thrombosed Dialysis Access. Presented at the 7th Annual Symposium on Vascular Diagnosis and Intervention. Miami Beach, FL, January 21, 1995.
147. Repair of Pseudoaneurysms with Ultrasound Guided Compression. Presented at the 7th Annual Symposium on Vascular Diagnosis and Intervention. Miami Beach, FL, January 21, 1995.
148. Inferior Vena Cava Filters. Presented at the 7th Annual Symposium on Vascular Diagnosis and Intervention. Miami Beach, FL, January 22, 1995.
149. Combined CT and Angiography for Localization of Pancreatic Endocrine Tumors. Presented at the 20th Annual Scientific Meeting of the Society of Cardiovascular and Interventional Radiology. Ft. Lauderdale, FL, March 23-31, 1995. Authors: Oglevie SB, Bookstein JJ, Casola G, **Roberts AC**, Valji K.
150. Long-term Experience with Pulse-Spray Thrombolysis of Occluded Peripheral Arteries. Presented at the 20th Annual Scientific Meeting of the Society of Cardiovascular and Interventional Radiology. Ft. Lauderdale, FL, March 23-31, 1995. Authors: Valji K, **Roberts AC**, Oglevie SB, Bookstein JJ.
151. What's New With DSA? Presented at the 20th Annual Scientific Meeting of the Society of Cardiovascular and Interventional Radiology. Ft. Lauderdale, FL, March

23-31, 1995.

152. What's New With DSA? Presented at the 1995 Annual Meeting of the Association of Vascular and Interventional Radiographers. Ft. Lauderdale, FL, March 29, 1995.  
Author: **Roberts AC**
153. Diagnostic Angiography. Presented at the 15th Annual Residents' Radiology Review Course. San Diego, CA, April 16-21, 1995.
154. Vascular Interventions. Presented at the 15th Annual Residents' Radiology Review Course. San Diego, CA, April 16-21, 1995.
155. Inferior Vena Cava Filters. Presented at the Spring Invasive Radiology Course. San Diego, CA, April 22, 1995.
156. Thrombolysis. Presented at the Practical Interventional Radiology Course. Cambridge, MA, May 15-17, 1995.
157. Thrombolysis. Presented at the 2nd International Workshop on Interventional Radiology. Prague, Czech Republic, June 15-17, 1995.
158. Approach to Thrombosed Dialysis Access. Presented at the 2nd International Workshop on Interventional Radiology. Prague, Czech Republic, June 15-17, 1995.
159. Update on IVC Filters. Presented at the Fifth Annual Southern New England Symposium on Peripheral Vascular Disease. Newport, Rhode Island, August 4-6, 1995.
160. Dialysis Fistulae. Presented at the Fifth Annual Southern New England Symposium on Peripheral Vascular Disease. Newport, Rhode Island, August 4-6, 1995.
161. Compression Therapy for Pseudoaneurysms. Presented at the Fifth Annual Southern New England Symposium on Peripheral Vascular Disease. Newport, Rhode Island, August 4-6, 1995.
162. Food and Drug Administration's Special Focus Session. Presented at the Radiological Society of North America Annual Meeting. Chicago, Illinois, November 28, 1995. Authors: L.L. Yin, S. Alpert, M.D., R. Phillips, **A. Roberts**, M.L. Griem, M.H. Wholey.
163. How to Approach the Malfunctioning Dialysis Graft ("How-to" Workshop). Presented at the Radiological Society of North America Annual Meeting. Chicago, Illinois, November 30, 1995.
164. Diagnosis, Evaluation, and Treatment of Lower Limb Ischemia and Limb Salvage. Presented at the Radiological Society of North America Annual Meeting. Chicago,

Illinois, December 1, 1995. Authors: C. Bakal, **A. Roberts**, A.C. Waltman.

165. Inferior Vena Cava Filters. Presented at the Eighth Annual International Symposium on Vascular Diagnosis and Intervention. Miami Beach, Florida, February 1, 1996.
166. Thrombolysis (Advanced) Workshop. Presented at the 21st Annual Meeting of the Society of Cardiovascular and Interventional Radiology. Seattle, Washington, March 6, 1996.
167. Dialysis Access-Fistulas/Thrombolysis of Angioplasty. Presented at Maine Medical Center. Portland, Maine, March 12, 1996.
168. Thrombolytic Therapy. Presented to the New England Society for Cardiovascular and Interventional Radiology, Boston, Massachusetts, March 12, 1996.
169. Inferior Vena Cava Filters. Presented at the Spring Invasive Radiology Course, San Diego, California, April 6, 1996.
170. Diagnostic Angiography. Presented at the 16th Annual Residents' Radiology Review Course, San Diego, California, April 7-12, 1996.
171. Vascular Interventions. Presented at the 16th Annual Residents' Radiology Review Course, San Diego, California, April 7-12, 1996.
172. The FDA: Trials and Tribulations. Presented at the Massachusetts General Hospital Grand Rounds, Boston, Massachusetts, April 24, 1996.
173. 510 (k) For Dummies: A Guide to the Equipment Approval Process, The Basics of the Device Approval Process. Presented at the 3rd Annual Diagnostic Imaging Industry Conference - Re-Engineering Radiology, San Francisco, California, April 26, 1996.
174. Thrombolysis of Dialysis of A-V Fistulae and Their Care. Presented at the International Special Procedures Conference, Chicago, Illinois, May 13, 1996.
175. Thrombolysis: Today and Tomorrow. Keynote address presented at the International Special Procedures Conference, Chicago, Illinois, May 13, 1996.
176. Closure of Puncture A-V Fistulae & Aneurysms: Non-Invasive Therapy. Presented at the International Special Procedures Conference, Chicago, Illinois, May 13, 1996.
177. Thrombolysis: The Pulse-Spray Technique. Presented at the International Special Procedures Conference, Chicago, Illinois, May 14, 1996.
178. Role of technologists and nurses in interventional procedures. Presented at the 3rd International Workshop on Interventional Radiology, Prague, Czech Republic, June 13, 1996.

179. Role of CME. Presented at the 3rd International Workshop on Interventional Radiology, Prague, Czech Republic, June 14, 1996.
180. A Year at the FDA - My Perspective. Presented to the Chesapeake Interventional Radiology Society, Washington, D.C., June 29, 1996.
181. An Approach to Pulmonary Embolism: The Role of Pulmonary Angiography. Presented at the Practical Approach to Imaging in Santa Fe Meeting, Santa Fe, New Mexico, July 29-August 2, 1996.
182. Thrombolysis. Presented at the Practical Approach to Imaging in Santa Fe Meeting, Santa Fe, New Mexico, July 29-August 2, 1996.
183. Angioplasty. Presented at the Practical Approach to Imaging in Santa Fe Meeting, Santa Fe, New Mexico, July 29-August 2, 1996.
184. Arterial and Venous Stents. Presented at the Practical Approach to Imaging in Santa Fe Meeting, Santa Fe, New Mexico, July 29-August 2, 1996.
185. Pulmonary Angiography. Presented to the University of New Mexico Radiology Department, Santa Fe, New Mexico, July 31, 1996.
186. Arterial and Venous Stents. Presented to the University of New Mexico Radiology Department, Santa Fe, New Mexico, July 31, 1996.
187. Vascular Stents and Stent-grafts: The Regulatory Perspective. Presented at the Sixth Annual Southern New England Symposium on Peripheral Vascular Disease, Newport, Rhode Island, August 16-18, 1996.
188. Dialysis Fistula Maintenance. Presented at the Sixth Annual Southern New England Symposium on Peripheral Vascular Disease, Newport, Rhode Island, August 16-18, 1996.
189. The need for certification in IR. Presented at the "Training and Continuing Education In Interventional Radiology Session" at the 1996 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Madeira, Funchal, Portugal, September 8-12, 1996.
190. Technology and New Device Assessment. Presented at the Health Services Research in Radiology Meeting, Philadelphia, Pennsylvania, September 9-11, 1996.
191. Pulmonary Angiography. Presented at the UCSD Multispecialty Radiology Course: Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 26-27, 1996.



192. Renal Arteries and Veins. Presented at the UCSD Multispecialty Radiology Course: Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 26-27, 1996.
193. Peripheral Vascular Disease: Pre-procedure Evaluation. Presented at the UCSD Multispecialty Radiology Course: Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 26-27, 1996.
194. Venous Recanalization. Presented at the UCSD Multispecialty Radiology Course: Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 26-27, 1996.
195. GI Hemorrhage: Diagnosis and Treatment. Presented at the UCSD Multispecialty Radiology Course: Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 26-27, 1996.
196. A View of The FDA: Regulation of Medical Devices. Presented at the UCSD Bioengineering Seminar, La Jolla, California, November 22, 1996.
197. How to Approach the Malfunctioning Dialysis Graft ("How-to" Workshop). Presented at the Radiological Society of North America Annual Meeting. Chicago, Illinois, December 3, 1996.
198. The Impact of the Regulatory Process on Research Technology Transfer and Patient Care in the United States (Focus Group on the FDA). Presented at the Radiological Society of North America Annual Meeting. Chicago, Illinois, December 3, 1996. Authors: James H. Thrall, M.D., Robert F. Mattrey, M.D., **Anne C. Roberts, M.D.**, Patricia Love, M.D., Susan Alpert, M.D., Terrence J. Sweeney, M.D.
199. Central Venous Access Devices and Dialysis Fistulas. Presented at the Radiological Society of North America Annual Meeting. Chicago, Illinois, December 3, 1996.
200. Developments in Thrombolysis. Presented at the 22nd Kansai Interventional Radiology Meeting. Osaka, Japan, February 1, 1997.
201. Venous Thrombolysis/Recanalization. Presented at Osaka City University. Osaka, Japan, February 4, 1997.
202. Venous Thrombolysis/Recanalization. Presented at Wakayama Medical College, Wakayama, Japan, February 5, 1997.
203. Percutaneous Therapy for Venous Disease. Presented at the 20th Annual San Diego Postgraduate Assembly in Surgery, San Diego, California, February 10-14, 1997.
204. Vascular Radiology for Urologists. Presented at the UCSD Urology Department Lecture Series, San Diego, California, March 26, 1997.



205. Pulmonary Angiography. Presented at the 10th Annual Spring Interventional Radiology Course: A Practical Review of Invasive Radiologic Procedures, Coronado, California, March 29, 1997.
206. My Sabbatical Year at the FDA. Presented at the American Radiological Nurses' Association (ARNA), San Diego, California, April 1, 1997.
207. Diagnostic Angiography. Presented at the 17th Annual Residents' Radiology Review Course, Coronado, California, April 2, 1997.
208. Vascular Interventions. Presented at the 17th Annual Residents' Radiology Review Course, Coronado, California, April 2, 1997.
209. Venous Access (How to do it Workshop). Presented at The Third Congress of The Asia - Pacific Society of Cardiovascular and Interventional Radiology, Melbourne, Australia, April 10, 1997.
210. Central Venous Access: Technical Aspects. Presented at The Third Congress of The Asia - Pacific Society of Cardiovascular and Interventional Radiology, Melbourne, Australia, April 10, 1997.
211. Thrombolysis - Hypothetical Plenary Session. Presented at The Third Congress of The Asia - Pacific Society of Cardiovascular and Interventional Radiology, Melbourne, Australia, April 10, 1997.
212. Central Venous Access. Presented at the Interventional Radiology Seminar at the Peoples' Republic of China Military Hospital, Xi'an, China, April 14, 1997.
213. An Experience at the FDA: Ideas on Improving the Approval Process. Presented to the Alpha Omega Alpha Chapter of the University of Arkansas for Medical Sciences, Medical Center, Little Rock, Arkansas, April 28, 1997.
214. Thromboembolism. Presented at the University of Arkansas for Medical Sciences, Medical Center, Department of Radiology, Little Rock, Arkansas, April 28, 1997.
215. Venous Thrombosis and Recanalization. Presented at the University of Wisconsin-Madison Medical School, Department of Radiology, John Juhl Visiting Professor - Grand Rounds, Madison, Wisconsin, May 1, 1997.
216. Peripheral Implant Ports. Presented at the University of Wisconsin-Madison Medical School, Department of Radiology, John Juhl Visiting Professor - Grand Rounds, Madison, Wisconsin, May 2, 1997.
217. Role of Technologists and Nurses in Interventional Procedures. Presented at the University of Wisconsin-Madison Medical School, Department of Radiology, John Juhl

- Visiting Professor - Grand Rounds, Madison, Wisconsin, May 2, 1997.
218. Pulsed-Spray Thrombolysis. Presented at the International Special Procedures Conference - Advanced Course, Oak Brook, Illinois, May 12-15, 1997.
  219. Thrombolysis and Care of Dialysis Access. Presented at the International Special Procedures Conference - Advanced Course, Oak Brook, Illinois, May 12-15, 1997.
  220. Repair of Pseudoaneurysms With Ultrasound Guided Compression. Presented at the International Special Procedures Conference - Advanced Course, Oak Brook, Illinois, May 12-15, 1997.
  221. Fibrinolysis - An Overview. Presented at the 4th International Workshop on Interventional Radiology, Prague, Czech Republic, June 12 -14, 1997.
  222. Ethical Issues Related to Research. Presented at the American College of Radiology Intersociety Commission Summer Conference, La Jolla, California, July 25-27, 1997.
  223. Maintenance of Dialysis Access. Presented at the Western Angiographic & Interventional Society, 27th Annual Meeting, San Francisco, California, September 18-21, 1997.
  224. Round Table Discussion 2: Cost-Effectiveness Issues In Interventional Radiology. Cardiovascular and Interventional Radiology, Cardiovascular and Interventional Radiological Society of Europe (CIRSE) 1997 Annual Meeting and Postgraduate Course, September 28-October 2, 1997. Authors: Gothlin JH, Gunther RW, Kelekis DA, Plant G, **Roberts A**, Struyven JL.
  225. Angiography and the Trauma Patient. Presented at the UCSD Medical Center Trauma Service Rounds, October 14, 1997.
  226. Renal Arteries and Veins. Presented at the UCSD 17th Annual Comprehensive Review of Vascular & Interventional Radiology Course. San Diego, California, October 17-19, 1997.
  227. Pulmonary Angiography. Presented at the UCSD 17th Annual Comprehensive Review of Vascular & Interventional Radiology Course. San Diego, California, October 17-19, 1997.
  228. GI Hemorrhage-Diagnosis and Treatment. Presented at the UCSD 17th Annual Comprehensive Review of Vascular & Interventional Radiology Course. San Diego, California, October 17-19, 1997.
  229. Finding and Securing a Job ("How-to" Workshop). Presented at the Radiological Society of North America Annual Meeting. Chicago, Illinois, December 1, 1997. Authors: Lakin, PC, Greeson TW, **Roberts AC**, Sunshine JH, Van Hove, JE.

231. Central Venous Access Devices and Dialysis Fistulas. Presented at the Radiological Society of North America Annual Meeting. Chicago, Illinois, December 4, 1997.
232. Angiographic Case Review. Presented at the University of Michigan Medical Center, Daily Conference. Ann Arbor, Michigan, April 2-3, 1998.
233. Venous Thrombosis/Recanalization Techniques. Presented at the Michigan Radiological Society Meeting. Ann Arbor, Michigan, April 2, 1998.
234. Pulmonary Angiography. Presented at the 11th Annual Spring Interventional Radiology Course: A Practical Review of Invasive Radiologic Procedures, Coronado, California, April 11, 1998.
235. Diagnostic Angiography. Presented at the 18th Annual Residents' Radiology Review Course, Coronado, California, April 15, 1998.
236. Vascular Interventions. Presented at the 18th Annual Residents' Radiology Review Course, Coronado, California, April 15, 1998.
237. Pulsed-Spray Thrombolysis. Presented at the International Special Procedures Conference: Advanced Course, Oak Brook, Illinois, May 11-14, 1998.
238. Thrombolysis and Care of Dialysis Access. Presented at the International Special Procedures Conference: Advanced Course, Oak Brook, Illinois, May 11-14, 1998.
239. News in Chemical Thrombolysis. Presented at the 5th International Workshop on Interventional Radiology, Prague, Czech Republic, June 25-27, 1998.
240. Central Venous Access. Presented at the 5th International Workshop on Interventional Radiology, Prague, Czech Republic, June 25-27, 1998.
241. Peripheral Vascular Disease: Pre-Procedure Evaluation. Presented at the UCSD 18<sup>th</sup> Annual Comprehensive Review of Vascular & Interventional Radiology Course, San Diego, California, October 23-25, 1998.
242. Renal Angiography: Renal Arteries and Veins. Presented at the UCSD 18<sup>th</sup> Annual Comprehensive Review of Vascular & Interventional Radiology Course, San Diego, California, October 23-25, 1998.
243. Pulmonary Angiography. Presented at the UCSD 18<sup>th</sup> Annual Comprehensive Review of Vascular & Interventional Radiology Course, San Diego, California, October 23-25, 1998.
244. GI Hemorrhage-Diagnosis and Treatment. Presented at the UCSD 18<sup>th</sup> Annual Comprehensive Review of Vascular & Interventional Radiology Course, San Diego,

California, October 23-25, 1998.

245. Central Venous Access. Presented at the University of Wisconsin Medical School, Madison's, Twenty-Third Annual Big Sky Radiology Conference, Big Sky, Montana, January 31-February 3, 1999.
246. Complications of Central Venous Catheters/Ports. Presented at the University of Wisconsin Medical School, Madison's, Twenty-Third Annual Big Sky Radiology Conference, Big Sky, Montana, January 31-February 3, 1999.
247. Pulmonary Embolism. Presented at the University of Wisconsin Medical School, Madison's, Twenty-Third Annual Big Sky Radiology Conference, Big Sky, Montana, January 31-February 3, 1999.
248. Inferior Vena Cava Filters. Presented at the University of Wisconsin Medical School, Madison's, Twenty-Third Annual Big Sky Radiology Conference, Big Sky, Montana, January 31-February 3, 1999.
249. Thrombolysis of Peripheral Vascular Disease – Pulsed-Spray Thrombolysis. Presented at the University of Wisconsin Medical School, Madison's, Twenty-Third Annual Big Sky Radiology Conference, Big Sky, Montana, January 31-February 3, 1999.
250. Vena Cava Filters: Correct Selection and Deployment. Presented at the International Congress XII on Endovascular Interventions, Scottsdale, Arizona, February 7-11, 1999.
251. Upper Extremity Venous Thrombosis. Presented at the Twenty-Second Annual San Diego Postgraduate Assembly in Surgery Meeting, San Diego, California, February 22-26, 1999.
252. Periprocedural Patient Management. Presented at the 12<sup>th</sup> Annual UCSD Spring Interventional Radiology Course: A Practical Review of Vascular and Interventional Radiologic Procedures, Coronado, California, April 3, 1999.
253. Pulmonary Angiography. Presented at the 12<sup>th</sup> Annual UCSD Spring Interventional Radiology Course: A Practical Review of Vascular and Interventional Radiologic Procedures, Coronado, California, April 3, 1999.
254. Diagnostic Angiography. Presented at the 19<sup>th</sup> Annual UCSD Residents' Radiology Review Course, Coronado, California, April 7, 1999.
255. Vascular Interventions. Presented at the 19<sup>th</sup> Annual UCSD Residents' Radiology Review Course, Coronado, California, April 7, 1999.
256. Embolization for Uterine Fibroids. Presented at the California Society of Radiologic

- Technologists 61<sup>st</sup> Annual Conference, San Diego, California, April 9, 1999.
257. My Approach to the Urokinase Conundrum. Presented during the Endovascular Chat Room, April 20, 1999.
  258. Central Venous Access. Presented at ISIR & JSAIR '99 – 7<sup>th</sup> International Symposium on Interventional Radiology & New Vascular Imaging – 28<sup>th</sup> Annual Meeting of the Japanese Society of Angiography & Interventional Radiology, Osaka, Japan, May 1999.
  259. Venous Thromboembolic Disease. Presented at the "Imaging in Tuscany Meeting", Radda in Chianti, Italy, August 31, 1999.
  260. Intervention in the Female Pelvis. Presented at the "Imaging in Tuscany Meeting", Radda in Chianti, Italy, September 2, 1999.
  261. Intervention in the Oncology Patient. Presented at the "Imaging in Tuscany Meeting", Radda in Chianti, Italy, September 3, 1999.
  262. Intervention in Atherosclerotic Disease. Presented at the "Imaging in Tuscany Meeting", Radda in Chianti, Italy, September 3, 1999.
  263. Laboratory Tests for Interventional Procedures. Presented at 29<sup>th</sup> Annual Meeting of the Western Angiographic & Interventional Society, Koloa, Hawaii, September 17, 1999.
  264. New Advances in Vascular Interventions. Presented at the 24<sup>th</sup> Annual San Diego Postgraduate Radiology Course, San Diego, California, October 3, 1999.
  265. GI Hemorrhage: Diagnosis and Treatment. Presented at the 19<sup>th</sup> Annual Comprehensive Review of Vascular and Interventional Radiology, San Diego, California, October 9, 1999.
  266. Pulmonary Angiography. Presented at the 19<sup>th</sup> Annual Comprehensive Review of Vascular and Interventional Radiology, San Diego, California, October 9, 1999.
  267. Case Review - Vascular Interventions. Presented at the 19<sup>th</sup> Annual Comprehensive Review of Vascular and Interventional Radiology, San Diego, California, October 9, 1999.
  268. TIPS Versus Surgery. Presented at the Twelfth Annual International Symposium on Endovascular Therapy, Miami Beach, Florida, January 27, 2000.
  269. Chemoembolization for Hepatic Malignancy. Presented at the Third Annual Endovascular Intervention Practicum, Breckenridge, Colorado, February 9-12, 2000.

270. Dialysis Access Management. Presented at the Third Annual Endovascular Intervention Practicum, Breckenridge, Colorado, February 9-12, 2000.
271. Embolotherapy in Ob/Gyn Patients. Presented at the Third Annual Endovascular Intervention Practicum, Breckenridge, Colorado, February 9-12, 2000.
272. Role of the Interventional Radiologist in the Care of Dialysis Patients with Vascular Access. Presented at the Kaiser Permanente Department of Clinical Services Nephrology Symposium, Anaheim, California, March 4, 2000.
273. Lessons Learned in Interventional Radiology: Thrombolytic Therapy. Presented at the Society of Cardiovascular and Interventional Radiology 25<sup>th</sup> Annual Scientific Meeting, San Diego, California, March 29, 2000.
274. Interventional Radiology in Cancer Care. Presented at the Creative Approaches to Cancer Care 33<sup>rd</sup> Annual Nursing Conference, San Diego, California, April 5, 2000.
275. Overview of Lytic Drugs. Presented at the Harvard Medical School and the Massachusetts General Hospital Practical Interventional Radiology Meeting, Boston, Massachusetts, April 7-9, 2000.
276. Dec clotting of Dialysis Grafts - Pharmacology. Presented at the Harvard Medical School and the Massachusetts General Hospital Practical Interventional Radiology Meeting, Boston, Massachusetts, April 7-9, 2000.
277. Peri-Procedural Patient Management. Presented at the 13<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology Course, Coronado, California, April 15, 2000.
278. Pulmonary Angiography. Presented at the 13<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology Course, Coronado, California, April 15, 2000.
279. Diagnostic Angiography. Presented at the 20<sup>th</sup> Annual UCSD Residents' Radiology Review Course, Coronado, California, April 19, 2000.
280. Vascular Interventions. Presented at the 20<sup>th</sup> Annual UCSD Residents' Radiology Review Course, Coronado, California, April 19, 2000.
281. Chemoembolization For Hepatic Malignancy. Presented at the 6<sup>th</sup> International Workshop on Interventional Radiology, Prague, Czech Republic, June 16, 2000.
282. Thrombolysis (Workshop). Presented at the 6<sup>th</sup> International Workshop on Interventional Radiology, Prague, Czech Republic, June 16, 2000.
283. Thrombolysis. Presented at the Interventional Radiology Society of Australasia 8<sup>th</sup> General Meeting, Penang, Malaysia, July 2-7, 2000.



284. TIPS, the Latest. Presented at the Interventional Radiology Society of Australasia 8<sup>th</sup> General Meeting, Penang, Malaysia, July 2-7, 2000.
285. The Failing Hemodialysis Graft. Presented at the Interventional Radiology Society of Australasia 8<sup>th</sup> General Meeting, Penang, Malaysia, July 2-7, 2000.
286. Central Venous Access - Dialysis Catheters. Presented at the Interventional Radiology Society of Australasia 8<sup>th</sup> General Meeting, Penang, Malaysia, July 2-7, 2000.
287. Central Venous Access (Workshop). Presented at the Interventional Radiology Society of Australasia 8<sup>th</sup> General Meeting, Penang, Malaysia, July 2-7, 2000.
288. Fallopian Tube Recanalization. Presented at the 4<sup>th</sup> Asian Pacific Congress of Cardiovascular & Interventional Radiology, Singapore, July 9-13, 2000.
289. TIPS vs Surgery in Acute Variceal Hemorrhage. Presented at the 4<sup>th</sup> Asian Pacific Congress of Cardiovascular & Interventional Radiology, Singapore, July 9-13, 2000.
290. Dialysis Stent Graft: An Approach to Surveillance. Presented at the 4<sup>th</sup> Asian Pacific Congress of Cardiovascular & Interventional Radiology, Singapore, July 9-13, 2000.
291. Embolization of Fibroids & Female Pelvis. Presented at the 4<sup>th</sup> Asian Pacific Congress of Cardiovascular & Interventional Radiology, Singapore, July 9-13, 2000.
292. Gynecologic Interventions (Workshop). Presented at the 4<sup>th</sup> Asian Pacific Congress of Cardiovascular & Interventional Radiology, Singapore, July 9-13, 2000.
293. Embolization of Uterine Fibroids (Live Case Demonstration). Presented at the 4<sup>th</sup> Asian Pacific Congress of Cardiovascular & Interventional Radiology, Singapore, July 9-13, 2000.
294. Embolization Therapy For Uterine Fibroids. Presented at the American Radiological Nurses Association Meeting, San Diego, California, August 1, 2000.
295. Interventional Radiology Procedures in the Female Pelvis. Presented at the Imaging in Piedmont Meeting, Barolo, Italy, September 24-29, 2000.
296. Interventional Approaches to OB-GYN Hemorrhage. Presented at the UCSD Department of Reproductive Medicine Grand Rounds, October 11, 2000.
297. GI Hemorrhage: Diagnosis and Treatment. Presented at the 20<sup>th</sup> Annual UCSD Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 21, 2000.



298. Pulmonary Angiography. Presented at the 20<sup>th</sup> Annual UCSD Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 21, 2000.
299. Case Review - Vascular Interventions. Presented at the 20<sup>th</sup> Annual UCSD Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 21, 2000.
300. Embolization Therapy for Uterine Fibroids. Presented at the UCSD Radiology 2000 Alumni and Friends Course, La Jolla, California, October 28, 2000.
301. FDA Regulation of Medical Devices: Practical Approaches to Everyday Problems ("How-to" Workshop). Presented at the Radiological Society of North America 86<sup>th</sup> Scientific Assembly and Annual Meeting, Chicago, Illinois, Monday, November 27, 2000.
302. Recent Advances in Color Duplex Flow Imaging. Presented at the Indian Society of Vascular and Interventional Radiology's Millennium Congress of Vascular and Interventional Society Meeting, New Delhi, India, December 9-12, 2000.
303. Evolving Trends in CTA of the Aorta and Pulmonary Arteries. Presented at the Indian Society of Vascular and Interventional Radiology's Millennium Congress of Vascular and Interventional Society Meeting, New Delhi, India, December 9-12, 2000.
304. Breast Interventions. Presented at the Indian Society of Vascular and Interventional Radiology's Millennium Congress of Vascular and Interventional Society Meeting, New Delhi, India, December 9-12, 2000.
305. Carotid Artery Evaluation: Duplex US Versus CTA. Presented at the Indian Society of Vascular and Interventional Radiology's Millennium Congress of Vascular and Interventional Society Meeting, New Delhi, India, December 9-12, 2000.
306. Ovarian Vein Reflux. Presented at the 14<sup>th</sup> Annual International Congress XIV Endovascular Interventions Meeting, Scottsdale, Arizona, February 11-15, 2001.
307. Venous Access Catheter Complications. Presented at the 26<sup>th</sup> Annual Scientific Meeting - SCVIR 2001 An Interventional Odyssey, San Antonio, Texas, March 3-8, 2001.
308. Workshop: Vascular Access. Presented at the Sixth International Conference on CRRT (Continuous Renal Replacement Therapies), San Diego, California, March 8-10, 2001.
309. Thrombolysis. Presented at the University of Cincinnati College of Medicine, Department of Radiology, Cincinnati, Ohio, March 24, 2001.
310. Venous Access. Presented at the University of Cincinnati College of Medicine,

Department of Radiology, Cincinnati, Ohio, March 24, 2001.

311. Embolization Therapy in the Female Pelvis. Presented at the University of Cincinnati College of Medicine, Department of Radiology, Cincinnati, Ohio, March 24, 2001.
312. Peri-Procedural Patient Management. Presented at the UCSD 14<sup>th</sup> Annual Review of Vascular & Interventional Radiology, Coronado, California, April 14, 2001.
313. Case Review Session I: Vascular Diagnosis and Intervention. Presented at the UCSD 14<sup>th</sup> Annual Review of Vascular & Interventional Radiology, Coronado, California, April 14, 2001.
314. Pulmonary Angiography. Presented at the UCSD 14<sup>th</sup> Annual Review of Vascular & Interventional Radiology, Coronado, California, April 14, 2001.
315. GI Hemorrhage-Diagnosis and Treatment. Presented at the UCSD 14<sup>th</sup> Annual Review of Vascular & Interventional Radiology, Coronado, California, April 14, 2001.
316. Diagnostic Angiography. Presented at the UCSD 21<sup>st</sup> Annual Residents' Radiology Review Course, Coronado, California, April 18, 2001.
317. Vascular Interventions. Presented at the UCSD 21<sup>st</sup> Annual Residents' Radiology Review Course, Coronado, California, April 18, 2001.
318. Venous Access. Presented at the Global Endovascular Therapy (GET 2001): International Endovascular Peripheral Course, Monaco, June 17-21, 2001.
319. Pulmonary AVMs - Diagnosis and Treatment. Presented at the Global Endovascular Therapy (GET 2001): International Endovascular Peripheral Course, Monaco, June 17-21, 2001.
320. Benign Diseases of the Uterus - Role of Imaging & Interventions. Presented at the 9<sup>th</sup> Asian Oceanian Congress of Radiology, Singapore, July 22-26, 2001.
321. Fallopian Tube Recanalization. Presented at the 9<sup>th</sup> Asian Oceanian Congress of Radiology, Singapore, July 22-26, 2001.
322. Pelvic Congestion Syndrome or Ovarian Vein Reflux. Presented at the 9<sup>th</sup> Asian Oceanian Congress of Radiology, Singapore, July 22-26, 2001.
323. Embolization Therapy: Uterine Fibroid. Presented at a joint meeting of the Singapore Academy of Obstetrics and Gynecology and the Singapore Society of Vascular & Interventional Radiology, Singapore, July 25, 2001.
324. Venous Thromboembolic Disease. Presented at the Imaging in Provence Meeting,

Villeneuve Lez Avignon, France, August 26-30, 2001.

325. Intervention in the Oncology Patient. Presented at the Imaging in Provence Meeting, Villeneuve Lez Avignon, France, August 26-30, 2001.
326. Breast Interventions. Presented at the Imaging in Provence Meeting, Villeneuve Lez Avignon, France, August 26-30, 2001.
327. Interventions in Atherosclerotic Disease. Presented at the Imaging in Provence Meeting, Villeneuve Lez Avignon, France, August 26-30, 2001.
328. Ablative Therapies for Hepatocellular Carcinoma. Presented at the UCSD Liver Center's New Horizons in Hepatology 2001 Meeting, La Jolla, California, September 15, 2001.
329. Central Venous Access: Indications For Ports and Tunneled Catheters. Presented at the CIRSE 2001 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Goteborg, Sweden, September 22-26, 2001.
330. Round Table Discussion: Should Interventional Radiology Become a Subspecialty. Presented at the CIRSE 2001 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Goteborg, Sweden, September 22-26, 2001.
331. Uterine Fibroid Embolization: Technique & Results. Presented at the CIRSE 2001 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Goteborg, Sweden, September 22-26, 2001.
332. Treatment of Uterine Fibroids. Presented at the UCSD Obstetrics and Gynecology Grand Rounds, UCSD Medical Center, San Diego, California, October 10, 2001.
333. Renal Angiography and Interventions. At: UCSD 21<sup>st</sup> Annual Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 26, 2001.
334. GI Hemorrhage: Diagnosis and Treatment. At: UCSD 21<sup>st</sup> Annual Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 26, 2001.
335. Uterine Artery Embolization. At: UCSD 21<sup>st</sup> Annual Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 26, 2001.
336. Pulmonary Angiography. At: UCSD 21<sup>st</sup> Annual Comprehensive Review of Vascular and Interventional Radiology, Coronado, California, October 26, 2001.
337. Case Review: Vascular Interventions. At: UCSD 21<sup>st</sup> Annual Comprehensive

Review of Vascular and Interventional Radiology, Coronado, California, October 26, 2001.

338. FDA Regulation of Medical Devices: Practical Approaches to Everyday Problems ("How-to" Workshop). Presented at the Radiological Society of North America's 87<sup>th</sup> Scientific Assembly and Annual Meeting, Chicago, Illinois, November 25-30, 2002. Presenters: Phillips R, **Roberts AC**, Smith JJ, Swanson CH.
339. Embolization of Trauma. Presented at the 14<sup>th</sup> Annual International Symposium on Endovascular Therapy (ISET) Course, Miami Beach, Florida, January 20-24, 2002.
340. Treatment of GI Bleeding. Presented at the 14<sup>th</sup> Annual International Symposium on Endovascular Therapy (ISET) Course, Miami Beach, Florida, January 20-24, 2002.
341. Overview of IVC Filters. Presented at the 14<sup>th</sup> Annual International Symposium on Endovascular Therapy (ISET) Course, Miami Beach, Florida, January 20-24, 2002.
342. Ovarian Vein Reflux: A Radiologist's Indications for Treatment. Presented at the 15<sup>th</sup> Annual International Congress XV Endovascular Interventions, Scottsdale, Arizona, February 10-14, 2002.
343. Peri-Procedural Patient Management. Presented at the 15<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology Course, Coronado, California, March 30, 2002.
344. Hepatic, Mesenteric and Renal Angiography. Presented at the 15<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology Course, Coronado, California, March 30, 2002.
345. Case Review Session I: Vascular Diagnosis. Presented at the 15<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology Course, Coronado, California, March 30, 2002.
346. Pulmonary Angiography. Presented at the 15<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology Course, Coronado, California, March 30, 2002.
347. The Role of the FDA in the Daily Practice of Interventional Radiology Panel Discussion. Presented at the Society of Cardiovascular and Interventional Radiology's 27<sup>th</sup> Annual Scientific Meeting, Baltimore, Maryland, April 6-11, 2002. Discussants: Abel DB, Alpert S, **Roberts AC**, Schultz D, Stainken B, Tunis S, Zuckerman B, Bagley G, Marx MV, Cardella JF, Balter S.
348. The Role of the FDA in the Daily Practice of Interventional Radiology Panel Discussion Part II. Presented at the Society of Cardiovascular and Interventional Radiology's 27<sup>th</sup> Annual Scientific Meeting, Baltimore, Maryland, April 6-11, 2002. Discussants: Abel DB, Alpert S, Bagley G, Becker GJ, Geller SC, Krol KL, **Roberts**

**AC**, Schultz D, Stainken B, Tunis S, Zuckerman B.

349. Dialysis Grafts and Fistulas - Categorical Course. Presented at the Society of Cardiovascular and Interventional Radiology's 27<sup>th</sup> Annual Scientific Meeting, Baltimore, Maryland, April 6-11, 2002.
350. Venous Access Catheter Complications. Presented at the Society of Cardiovascular and Interventional Radiology's 27<sup>th</sup> Annual Scientific Meeting, Baltimore, Maryland, April 6-11, 2002.
351. Regulatory Rules You Need to Know: Does Everything Need an IRB? IDE? Presented at the Society of Cardiovascular and Interventional Radiology's 27<sup>th</sup> Annual Scientific Meeting, Baltimore, Maryland, April 6-11, 2002.
352. Gynecologic Interventions. Presented at the 8<sup>th</sup> International Symposium on Interventional Radiology, Prague, Czech Republic, June 13-15, 2002.
353. Panel Discussion: News in Thrombolytic Treatment. Presented at the 8<sup>th</sup> International Symposium on Interventional Radiology, Prague, Czech Republic, June 13-15, 2002. Discussants: Kandarpa K, Keller F, Matsumoto A, **Roberts A**.
354. Panel Discussion: Dialysis Access Management. Presented at the 8<sup>th</sup> International Symposium on Interventional Radiology, Prague, Czech Republic, June 13-15, 2002. Discussants: Keller F, Namyslowski J, **Roberts A**, Saxon R
355. Uterine Fibroid Embolization. Presented at the First International Workshop on Interventional Radiology, Jelenia Gora, Poland, June 16-18, 2002.
356. Advances in Gynecoradiologic Interventions. Presented at the First International Workshop on Interventional Radiology, Jelenia Gora, Poland, June 16-18, 2002.
357. Interventional Radiology in the Trauma Patient. Presented at the Critical Care Summer Session, San Diego, California, July 25-27, 2002.
358. Venous Access Catheter Complications. Presented at the National Association of Vascular Access Networks (NAVAN) Pathways to Progress 16<sup>th</sup> Annual Conference, San Diego, California, September 4, 2002.
359. Chemoembolization Outside the Liver. Presented at the 32<sup>nd</sup> Annual Meeting of The Western Angiographic & Interventional Society, Maui, Hawaii, September 10-14, 2002.
360. Uterine Fibroid Embolization Workshop. Presented at the CIRSE 2002 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe and 4<sup>th</sup> Joint Meeting with the European Society of

Cardiac Radiology, Lucerne, Switzerland, October 5-9, 2002.

361. Interventions in Dialysis Grafts - Special Session. Presented at the CIRSE 2002 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe and 4<sup>th</sup> Joint Meeting with the European Society of Cardiac Radiology, Lucerne, Switzerland, October 5-9, 2002.
362. Hemodialysis Shunts - Workshop. Presented at the CIRSE 2002 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe and 4<sup>th</sup> Joint Meeting with the European Society of Cardiac Radiology, Lucerne, Switzerland, October 5-9, 2002
363. Controversies in Interventional Radiology: IVC Filters - Round Table Session. Presented at the CIRSE 2002 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe and 4<sup>th</sup> Joint Meeting with the European Society of Cardiac Radiology, Lucerne, Switzerland, October 5-9, 2002.
364. Venous Thromboembolic Disease. Presented at the UCSD Imaging in Burgundy Meeting, Beaune, France, October 20-24, 2002.
365. Intervention in the Oncology Patient. Presented at the UCSD Imaging in Burgundy Meeting, Beaune, France, October 20-24, 2002.
366. Aortic Stent Grafts: Procedure & Evaluation. Presented at the UCSD Imaging in Burgundy Meeting, Beaune, France, October 20-24, 2002.
367. Breast Interventions. Presented at the UCSD Imaging in Burgundy Meeting, Beaune, France, October 20-24, 2002.
368. Overview of IVC Filters. Presented at the FDA/SIR Device Forum Meeting, Rockville, Maryland, November 4, 2002.
369. Placenta Accreta managed with and without Prophylactic Internal Iliac Balloon Occlusion: A Comparison of 39 Cases. Presented at the Radiological Society of North America's 88<sup>th</sup> Scientific Assembly and Annual Meeting, Chicago, Illinois, December 1-6, 2002. Authors: **Roberts AC**, \*Tang LE, Hull A, Scioscia A, Brown M.
370. Interventions in the Female Pelvis. Presented at the Radiology Department Grand Rounds, University of California, San Diego, California, January 14, 2003.
371. Vascular Access Case Studies - Workshop. Presented at the "22<sup>nd</sup> Annual Advanced Nephrology: Nephrology for the Consultant Course", San Diego, California, February 6, 2003.
372. Venous Thromboembolic Disease. Presented at the Radiology Department Grand



Rounds, University of California, San Diego, California, February 8, 2003.

373. Uterine Fibroids: Intervention and Imaging. Presented at the American Roentgen Ray Society 103<sup>rd</sup> Annual Meeting, San Diego, California, May 8, 2003.
374. Interventional Radiology: What are the Research Opportunities. Presented at the American Roentgen Ray Society 103<sup>rd</sup> Annual Meeting, San Diego, California, May 8, 2003.
375. Pelvic Congestion Syndrome. Presented at the Radiological Society of North America's Media Briefing, New York City, New York, June 18-19, 2003.
376. Pelvic Congestion Syndrome. Presented at the Radiology Department Grand Rounds, University of California, San Diego, California, September 12, 2003.
377. AV Shunts: Synthetic Grafts - Special Session. Presented at the CIRSE 2003 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Antalya, Turkey, September 20-24, 2003.
378. Hemodialysis Shunts - Workshop. Presented at the CIRSE 2003 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe Antalya, Turkey, September 20-24, 2003.
379. Venous Access - Special Session. Presented at the CIRSE 2003 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Antalya, Turkey, September 20-24, 2003.
380. Thrombolysis - Special Session. Presented at the CIRSE 2003 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Antalya, Turkey, September 20-24, 2003.
381. Pelvic Embolization in Women for Conditions Other Than Fibroids. Presented at the 33rd Annual Meeting of The Western Angiographic & Interventional Society, Vancouver, B.C., September 30 – October 4, 2003.
382. Update on Techniques of UFE and New Information About Outcomes. Presented at the 33rd Annual Meeting of The Western Angiographic & Interventional Society, Vancouver, B.C., September 30 – October 4, 2003.
383. Interventional Radiology in the Oncology Patient. Presented at the UCSD Imaging in Tuscany Course, Radda in Chianti, Italy, October 26-30, 2003.
384. Imaging of Aortic Stent Grafts. Presented at the UCSD Imaging in Tuscany Course, Radda in Chianti, Italy, October 26-30, 2003.
385. Breast Interventions. Presented at the UCSD Imaging in Tuscany Course, Radda in



Chianti, Italy, October 26-30, 2003.

386. Venous Thromboembolic Disease. Presented at the UCSD Imaging in Tuscany Course, Radda in Chianti, Italy, October 26-30, 2003.
387. Update on Recovery Filter. Presented at the 16<sup>th</sup> Annual International Symposium on Endovascular Therapy (ISET) Course, Miami Beach, Florida, January 25-29, 2004.
388. Role of TIPS. Presented at the University of California San Diego Department of Surgery's Twenty-Seventh Annual San Diego Postgraduate Assembly in Surgery Course, San Diego, California, February 16-20, 2004.
389. From History to Medicine, A Life Journey. Presented at the University of California San Diego's Women in Science & Engineering Meeting, La Jolla, California, March 8, 2004.
390. Regulatory Issues for Clinical Research. Presented at the Society of Interventional Radiology 29<sup>th</sup> Annual Scientific Meeting, Phoenix, Arizona, March 25, 2004.
391. 20<sup>th</sup> Annual Dotter Lecture: Interventional Radiology Today: What Would Charles Dotter Say? Presented at the Society of Interventional Radiology 29<sup>th</sup> Annual Scientific Meeting, Phoenix, Arizona, March 27, 2004.
392. Peri-procedural Patient Management. Presented at the 17<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology Course", Coronado, California, April 10, 2004.
393. Diagnostic Angiography of the Aorta and Extremities. Presented at the 17<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology Course", Coronado, California, April 10, 2004.
394. Vascular Diagnosis - Case Review Session. Presented at the 17<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology Course", Coronado, California, April 10, 2004.
395. Uterine Artery Embolization and Gynecologic Interventions. Presented at the 17<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology Course", Coronado, California, April 10, 2004.
396. Five Years of Peripheral Vascular Disease Screening & Education: The SIR Experience. Presented at the 10<sup>th</sup> Asian Oceanian Congress of Radiology, Singapore, April 28 – May 1, 2004.
397. Approach to Dysfunctional Vascular Access For the Dialysis Patient. Presented at the 10<sup>th</sup> Asian Oceanian Congress of Radiology, Singapore, April 28 – May 1, 2004.

398. Embolization Therapy for Uterine Fibroids. Presented at the 10<sup>th</sup> Asian Oceanian Congress of Radiology, Singapore, April 28 – May 1, 2004.
399. Pelvic Congestion Syndrome or Ovarian Vein Reflux. Presented at the 10<sup>th</sup> Asian Oceanian Congress of Radiology, Singapore, April 28 – May 1, 2004.
400. Diagnosis and Management of Pelvic Congestion Syndrome. Presented at the Kaiser Permanente 42<sup>nd</sup> Annual Surgery Symposium, Rancho Bernardo, California, May 15, 2004.
401. Radiology Politics: A Report from the ACR. Presented at the University of California, San Diego, Department of Radiology, Grand Rounds, San Diego, California, May 25, 2004.
402. Pelvic Congestion Syndrome Diagnosis and Management". Presented at the San Diego Vascular Conference, La Jolla, California, August 23, 2004.
403. Cook Lecture in Interventional Radiology: Gynecologic Interventions: The Procedures and What Do Interventionalists Need from Imaging? Presented at the Royal College of Radiologists' 2004 Annual Scientific Meeting, Westminster, London, United Kingdom, September 14, 2004.
404. Hemodialysis Shunts - Workshop. Presented at the CIRSE 2004 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Barcelona, Spain, September 25, 2004.
405. Venous Disease. Presented at the CIRSE 2004 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Barcelona, Spain, September 27, 2004.
406. Lessons Learned: UAE - Special Session. Presented at the CIRSE 2004 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Barcelona, Spain, September 27, 2004.
407. Percutaneous Management of A-V Fistula Malfunctions: Interventions in AV Grafts - Special Session. Presented at the CIRSE 2004 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Barcelona, Spain, September 29, 2004.
408. Maintenance of Certification: What Does it Mean & What Does it Mean to YOU. Presented at the UCSD Department of Radiology Grand Rounds, San Diego, California, October 19, 2004.
409. Uterine Artery Embolization and Gynecologic Interventions. Presented at the UCSD 24<sup>th</sup> Annual Comprehensive Review of Vascular and Interventional Radiology, San Diego, California, October 23, 2004.

- 410. Interventions of the Female Pelvis. Presented at the UCSD 29<sup>th</sup> Annual San Diego Postgraduate Radiology Course, San Diego, California, October 26, 2004.
- 411. Interventional Radiology Today, What Would Charles Dotter Say? Presented at Emory University's School of Medicine, Department of Radiology, Twenty-First Annual H. Steven Weens Lecture, Atlanta, Georgia, October 27, 2004.
- 412. Interventions in the Female Pelvis, What do Interventionalists Need From Imaging? Presented at Emory University's School of Medicine, Department of Radiology Grand Rounds, Atlanta, Georgia, October 28, 2004.
- 413. Infertility and the Professional: Diagnosis and Management with Interventional Radiologic and Gynecologic Procedures Refresher Course Presented at the Radiological Society of North America's 90<sup>th</sup> Scientific Assembly and Annual Meeting, Chicago, Illinois, November 28-December 3, 2004. Presenters: Kuligowska, E, Machan LS, Marx V, Radwanska E, **Roberts AC**.
- 414. Inferior Vena Cava Filters: A Balanced View. Presented at the Arizona Heart Institute's International Congress XVIII Endovascular Interventions, Scottsdale, Arizona, February 14, 2005.
- 415. IVC Filters. Presented at the Interventional / Neurointerventional Conference, Park City, Utah, February 28-March 3, 2005. Presenters: Kaufman J, **Roberts A**.
- 416. Uterine Fibroid Embolization. Presented at the Interventional/Neurointerventional Conference, Park City, Utah, February 28-March 3, 2005. Presenters: Kaufman J, **Roberts A**.
- 417. Dialysis Grafts / AV Fistulas. Presented at the Interventional/Neurointerventional Conference, Park City, Utah, February 28-March 3, 2005. Presenters: Haskal Z, **Roberts A**, Trerotola, S.
- 418. Complications of Renal PTA. Presented at the Interventional / Neurointerventional Conference, Park City, Utah, February 28-March 3, 2005. Presenters: Peregrin J, **Roberts A**.
- 419. Pelvic Congestion Syndrome. Presented at the Interventional/Neurointerventional Conference, Park City, Utah, February 28-March 3, 2005.
- 420. Diagnostic Imaging of the Aorta and Extremities. Presented at the 18<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology, March 26, 2005.
- 421. Vascular Diagnosis - Case Review Session. Presented at the 18<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology, March 26, 2005.

422. Uterine Artery Embolization and Gynecologic Interventions. Presented at the 18<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology, March 26, 2005.
423. Role of IR in the Management of Bleeding. Presented at the UCSD Critical Care Summer Session, San Diego, California, July 21, 2005.
424. Post Partum Haemorrhage: Prevention and Treatment - Workshop. Presented at the CIRSE 2005 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Nice, France, September 10, 2005.
425. Andreas Gruntzig Lecture 2005: Interventional Radiology, A Woman's Perspective. Presented at the CIRSE 2005 Annual Meeting and Postgraduate Course of the Cardiovascular and Interventional Radiological Society of Europe, Nice, France, September 11, 2005.
426. Intervention in the Oncology Patient. Presented at the UCSD School of Medicine "Imaging in Bordeaux", St. Emilion, France. October 16-20, 2005.
427. Aortic Stent Grafts: Procedure & Evaluation. Presented at the UCSD School of Medicine "Imaging in Bordeaux", St. Emilion, France. October 16-20, 2005.
428. Venous Thrombotic Disease. Presented at the UCSD School of Medicine "Imaging in Bordeaux", St. Emilion, France. October 16-20, 2005.
429. Dotter Lecture. Interventional Radiology. A Women's Prospective. Presented at the 35<sup>th</sup> Annual CME Conference of the Western Angiographic & Interventional Society, Santa Barbara, California. Oct. 30-Nov. 04, 2005.
430. UAE Tricks of the Trade. Presented at the 35<sup>th</sup> Annual CME Conference of the Western Angiographic & Interventional Society. Santa Barbara, California, Oct. 30-Nov. 04, 2005.
431. Vascular Access Hemodialysis and IVC Filters. Presented at the Gore Interventional Radiology Fellow Symposium, Miami Beach, Florida. January 22, 2006.
432. Chronic Pulmonary Embolus: Identification and Therapy. Presented at the 2006 International Symposium on Endovascular Therapy, Miami Beach, Florida. January 22-26, 2006.
433. Fibroids – MR Focused Ultrasound – Another Approach. Presented at the Second Interventional/Neurointerventional Conference. Dotter Interventional Institute. Park City, Utah. February 27-March 2, 2006.
434. Pelvic Congestion Syndrome. Presented at the Second Interventional/Neurointerventional Conference. Dotter Interventional Institute. Park City, Utah. February 27-March 2, 2006.

- 435. Chronic Pulmonary Emboli. Presented at the Second Interventional/Neurointerventional Conference. Dotter Interventional Institute. Park City, Utah. February 27-March 2, 2006.
- 436. Image Interpretation Film Panel. Presented at the European Society of Radiology, Vienna, Austria. March 3-7, 2006. Discussants: Lipton MJ, Machan LS, **Roberts AC**, Stanley RJ (North American Team).
- 437. Pelvic Congestion Syndrome. Presented at the European Society of Radiology, Vienna, Austria. March 3-7, 2006.
- 438. Maintenance of Certification. Presented at the 2006 SIR 31<sup>st</sup> Annual Scientific Meeting. Toronto, Canada, March 30-April 04, 2006.
- 439. Diagnostic Imaging of the Aorta and Extremities. Presented at the 19<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology, April 15, 2006.
- 440. Uterine Artery Embolization and Gynecologic Interventions. Presented at the 19<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology, April 15, 2006.
- 441. Vascular Diagnosis. Case Review Session. Presented at the 19<sup>th</sup> Annual UCSD Spring Review of Vascular & Interventional Radiology, April 15, 2006.
- 442. Building A Clinical Practice In IR. Presented at the CIRSE 2006 in Rome, Italy on September 9, 2006
- 443. Post Partum Hemorrhage: Prevention and treatment. Presented at the CIRSE 2006 in Rome, Italy on September 12, 2006
- 444. MR Guided Focused Ultrasound (MRgFUS). Presented at the 36<sup>th</sup> Annual Western Angiographic & Interventional Society in Kona, Hawaii on September 18, 2006.
- 445. IR Management of High Risk OB Patients. Presented at the 36<sup>th</sup> Annual Western Angiographic & Interventional Society in Kona, Hawaii on September 18, 2006.
- 446. Arterial Thrombolysis. Presented at the 7<sup>th</sup> Annual Asia – Pacific Congress of Cardiovascular & Interventional Radiology in Pattaya City, Thailand on October 9, 2006.
- 447. UFE Procedure and Techniques. Presented at the 7<sup>th</sup> Annual Asia – Pacific Congress of Cardiovascular & Interventional Radiology in Pattaya City, Thailand on October 9, 2006.
- 448. UFE Results. Presented at the 7<sup>th</sup> Annual Asia – Pacific Congress of Cardiovascular & Interventional Radiology in Pattaya City, Thailand on October 9, 2006.

- 449. Interventions in the Oncology Patient. Presented at Imaging in Barolo. Barolo, Italy, October 29-November 2, 2006.
- 450. Aortic Stent Grafts: Procedure and Evaluation. Presented at Imaging in Barolo. Barolo, Italy, October 29-November 2, 2006.
- 451. Interventions in the Female Pelvis. Presented at Imaging in Barolo. Barolo, Italy, October 29-November 2, 2006.
- 452. Venous Thromboembolic Disease. Presented at Imaging in Barolo. Barolo, Italy, October 29-November 2, 2006.
- 453. Image Interpretation Session: 2006. The Annual RSNA Film Panel. Moderator and organizer of the Panel. Radiological Society of North America 92<sup>nd</sup> Scientific Assembly Annual Meeting, Chicago, Illinois, November 26 – December 1, 2006.
- 454. MRI Guided Focused Ultrasound. Presented at the 3<sup>rd</sup> Interventional/Neurointerventional Conference, Dotter Interventional Institute, Park City, Utah, January 30 – February 2, 2007.
- 455. Maintenance of Certification: What Does It Mean And What Does It Mean To You? Presented at the 3<sup>rd</sup> Interventional/Neurointerventional Conference, Dotter Interventional Institute, Park City, Utah, January 30 – February 2, 2007.
- 456. Maintenance of Certification: What's Next And Where Are We Going? Presented at the 2007 SIR 32<sup>nd</sup> Annual Scientific Meeting. Seattle, Washington, March 1-6, 2007.
- 457. Potpourri of Pearls. Presented at the 2007 SIR 32<sup>nd</sup> Annual Scientific Meeting. Seattle, Washington, March 1-6, 2007.
- 458. Angiography of the Aorta and Lower Extremities. Presented at Radiology Resident Conference – Visiting Professor. Long Island Jewish Medical Center. Long Island, New York. April 9, 2007.
- 459. Regional Therapies for Treatment of Liver Malignancies. Presented at Radiology Grand Rounds – Visiting Professor. Long Island Jewish Medical Center. Long Island, New York. April 9, 2007.
- 460. Hepatic Trauma: Techniques and Results. Presented at Global Embolization Symposium and Technologies 2007. Barcelona, Spain. April 25-27, 2007.
- 461. UFE: Recurrence, Failure, and Repeat Embolization. Presented at Global Embolization Symposium and Technologies 2007. Barcelona, Spain. April 25-27, 2007.



462. What does FDA approval mean? Presented at the CIRSE, September 8-12, 2007 in Athens, Greece.
463. Reduction of pelvic pain and evaluation of satisfaction level in women treated with MR guided focused ultrasound (MRgFUS) ablation for uterine fibroids. Presented at the CIRSE, September 8-12, 2007 in Athens, Greece.
464. MR Guided Focused Ultrasound. Presented at the 37<sup>th</sup> Annual Western Angiographic & Interventional Society in Santa Ana Pueblo, New Mexico, September 30 – October 04, 2007.
465. What is Maintenance of Certification (MOC)? Presented at the 37<sup>th</sup> Annual Western Angiographic & Interventional Society in Santa Ana Pueblo, New Mexico, September 30 – October 04, 2007.
466. Lower Extremity Venous Disease: Opening Veins. A refresher course presented at the Radiological Society of North America 93<sup>rd</sup> Scientific Assembly Annual Meeting, Chicago, Illinois, November 25, 2007.
467. Vascular Access, Hemodialysis and IVC Filters. Gore Interventional Fellow Symposium. Hollywood, Florida, January 20, 2008.
468. Modified Balloon Technology: Improving Dialysis Access Patency? Presented at 2008 International Symposium on Endovascular Therapy. Hollywood, Florida, January 20-24, 2008.
469. Optional Filters: Update on Devices and Applications. Presented at 2008 International Symposium on Endovascular Therapy. Hollywood, Florida, January 20-24, 2008.
470. UAE Techniques, Tips & Tricks for Fibroids. Presented at 2008 International Symposium on Endovascular Therapy. Hollywood, Florida, January 20-24, 2008.
471. Dialysis Access: Coffee with the Experts. Presented at 2008 International Symposium on Endovascular Therapy. Hollywood, Florida, January 20-24, 2008.
472. Advances in MR Focused Ultrasound. Presented at the 4<sup>th</sup> Interventional/Neurointerventional Conference in Park City, Utah, February 19–22, 2008.
473. Radiologic Involvement in Invasive Placenta. Presented at the 5<sup>th</sup> Annual Perinatal Symposium, San Diego, March 5, 2008.
474. Non-Vascular Interventional Radiology. Presented at the 28<sup>th</sup> Annual UCSD Radiology Resident Review Course, March 17-21, 2008.
475. Diagnostic Angiography. Presented at the 28<sup>th</sup> Annual UCSD Radiology Resident



Review Course, March 17-21, 2008.

476. Embolization Principles. Presented at the 21<sup>st</sup> Annual Review of Vascular & Interventional Radiology in Coronado, California, March 22, 2008.
477. Uterine Artery Embolization and Gynecologic Interventions. Presented at the 21<sup>st</sup> Annual Review of Vascular & Interventional Radiology in Coronado, California, March 22, 2008.
478. Pelvic Congestion Syndrome. Presented at the European Conference on Embolization in Florence, Italy, April 9-12, 2008.
479. Uterine Artery Embolization: Unresolved Issues with Fertility. Presented at the 8<sup>th</sup> Asia Pacific Congress of Cardiovascular & Interventional Radiology, in Kuala Lumpur, Malaysia, June 9-12, 2008.
480. Uterine Artery Embolization: Long Term Follow-up. Presented at the 8<sup>th</sup> Asia Pacific Congress of Cardiovascular & Interventional Radiology, in Kuala Lumpur, Malaysia, June 9-12, 2008.
481. Uterine Artery Embolization, Anatomic Considerations. Presented at the 8<sup>th</sup> Asia Pacific Congress of Cardiovascular & Interventional Radiology, in Kuala Lumpur, Malaysia, June 9-12, 2008.
482. Pulmonary Embolism: Management and Interventions. Presented at the 8<sup>th</sup> Asia Pacific Congress of Cardiovascular & Interventional Radiology, in Kuala Lumpur, Malaysia, June 9-12, 2008.
483. Uterine Artery Embolization for Fibroids. University of Maiduguri Teaching Hospital. Presented at Maiduguri, Nigeria, June 17, 2008.
484. Introduction to Interventional Radiology. University of Maiduguri Teaching Hospital. Presented at Maiduguri, Nigeria, June 17, 2008.
485. Introduction to Interventional Radiology: Principles, Techniques & Applications. Presented at the Association of Radiologist of West Africa Annual Meeting. Ilorin, Nigeria, June 21, 2008.
486. Ultrasound Guided Interventional Procedures. Presented at the University of Ilorin Teaching Hospital, Ilorin, Nigeria, June 21, 2008.
487. Introduction to Interventional Radiology. Presented at the University of Ibadan Teaching Hospital, Ibadan, Nigeria, June 25, 2008.
488. Uterine Artery Embolization: Treatment for Fibroids. Presented at the University of Ibadan Teaching Hospital, Ibadan, Nigeria, June 25, 2008.

489. Removable IVC filters: Have Advances in Technology Created an “Irretrievable” Monster? Presented at the UCSD Critical Care Conference in San Diego, California, July 24-26, 2008.
490. Embolization for Peripheral Vessels Trauma. Presented at the 2008 Embolition International Symposium in San Paulo, Ibirapuera, August 26, 2008.
491. Upper GI Bleeding Non-varicose Related. Presented at the 2008 Embolition International Symposium in San Paulo, Ibirapuera, August 26, 2008.
492. Lines and Catheters for Hemodialysis. Presented at the 2008 Embolition International Symposium in San Paulo, Ibirapuera, August 28, 2008.
493. Evaluation and Percutaneous Management of Malfunctioning AV Fistulas: A Complete Overview. Presented at the 2008 Embolition International Symposium in San Paulo, Ibirapuera, August 28, 2008.
494. Renal Artery PTA and Stenting: State of the Art. Presented at the 2008 Embolition International Symposium in San Paulo, Ibirapuera, August 28, 2008.
495. Embolization in Renal Cancer. Presented at the 2008 Embolition International Symposium in San Paulo, Ibirapuera, August 28, 2008.
496. Bleeding Due to Bladder Cancer. Presented at the 2008 Embolition International Symposium in San Paulo, Ibirapuera, August 28, 2008.
497. UFE: Patient Selection. Presented at the 2008 Embolition International Symposium in San Paulo, Ibirapuera, August 28, 2008.
498. Pelvic Congestion Syndrome and Varicocele Embolization: How I Do It. Presented at the CIRSE 2008 Annual Meeting and Postgraduate Course in Copenhagen, Denmark, September 13-17, 2008.
499. Peripheral Thrombus Management. Presented at the CIRSE 2008 Annual Meeting and Postgraduate Course in Copenhagen, Denmark, September 13-17, 2008.
500. MR Guided Focused Ultrasound for Uterine Fibroids. Presented at the 2008 California Radiology Society Annual Conference in Newport Beach, California, October 18-19, 2008.
501. Future of IR in Radiology. Presented at the 2008 Resident and Fellows Section, at the California Radiology Society Annual Conference in Newport Beach, California, October 18-19, 2008.
502. Interventions in the Oncology Patient. Presented at Imaging in Burgundy. Burgundy,

France, October 27-30, 2008.

503. Aortic Stent Grafts: Procedure and Evaluation. Presented at Imaging in Burgundy. Burgundy, France, October 27-30, 2008.
504. Interventions in the Female Pelvis. Presented at Imaging in Burgundy. Burgundy, France, October 27-30, 2008.
505. Venous Thromboembolic Disease. Presented at Imaging in Burgundy. Burgundy, France, October 27-30, 2008.
506. Update on Inferior Vena Cava Filters and Treatment of Deep Venous Thrombosis. Presented at the 94<sup>th</sup> RSNA Scientific Assembly and Annual Meeting, Chicago, IL, November 30 – December 5, 2008.
507. ABR Exam of the Future: Maintenance of Certification. Presented at the 61<sup>st</sup> Annual Midwinter Radiology & Radiation Oncology Conference in Los Angeles, California, January 24 & 25, 2009.
508. Peripheral Vascular Trauma. Presented at the 61<sup>st</sup> Annual Midwinter Radiology & Radiation Oncology Conference in Los Angeles, California, January 24 & 25, 2009.
509. MR Guided Focused Ultrasound: A Treatment for Uterine Fibroids. Presented at Imaging & Intervention: Future Trends in Healthcare. San Diego, California, January 31, 2009.
510. Pelvic embolization for non-traumatic, non-UFE indications. Presented at the 5th Interventional/Neurointerventional Conference, Dotter Interventional Institute, Park City, Utah, February 17-20, 2009.
511. Maintenance of Certification in IR: What you need to know and do. Presented at the 5th Interventional/Neurointerventional Conference, Dotter Interventional Institute, Park City, Utah, February 17-20, 2009.
512. Maintenance of Certification. Presented at the 2009 Society of Interventional Radiology 34<sup>th</sup> Annual Scientific Meeting, San Diego, California, March 7-12, 2009.
513. Overview of MOC Program with Emphasis on MOC Part IV. Presented at the 2009 Society of Interventional Radiology 34<sup>th</sup> Annual Scientific Meeting, San Diego, California, March 7-12, 2009.
514. Transcatheter Hemostasis. Presented at the 22<sup>nd</sup> Annual Review of Vascular & Interventional Radiology Course. Coronado, California, April 11, 2009.
515. Gynecologic Interventions. Presented at the 22<sup>nd</sup> Annual Review of Vascular & Interventional Radiology Course. Coronado, California, April 11, 2009.

- 516. Uterine Fibroid Embolization. Presented at the 4<sup>th</sup> Annual Interventional Radiology Fellows Conference. San Francisco, CA May 28, 2009.
- 517. Embolization for Trauma and Not Otherwise Specified cases. Presented at the 4<sup>th</sup> Annual Interventional Radiology Fellows Conference. San Francisco, CA May 28, 2009.
- 518. MR-Guided Focused Ultrasound in the Body. Presented at IS3R Globalization of P4 Medicine: Predictive, Personalized, Preventive, and Participatory. San Diego, CA. August 29, 2009.
- 519. Chest Ports. Presented at Western Angiographic & Interventional Society Conference. La Jolla, CA. September 2, 2009.
- 520. MOC Update. Presented at Western Angiographic & Interventional Society Conference. La Jolla, CA. September 2, 2009.
- 521. Pelvis Congestion Syndrome and Varicocele embolization: How I Do It. Presented at Cardiovascular and Interventional Radiological Society of Europe. Lisbon, Portugal. September 19-23, 2009.
- 522. MR guided focused ultrasound: Uterus. Presented at Cardiovascular and Interventional Radiological Society of Europe. Lisbon, Portugal. September 19-23, 2009.
- 523. MOC—Maintenance of Certification: Everything You Need to Know. Presented at Southeast Angiographic Society (SEAS). Charleston, SC. October 8, 2009.
- 524. MR Guided Focused Ultrasound for Fibroids and Beyond. Presented at Southeast Angiographic Society (SEAS). Charleston, SC. October 10, 2009.
- 525. Venous Thromboembolic Disease. Presented at Imaging in Tuscany. Radda in Chianti, Italy. October 28, 2009.
- 526. Intervention in the Oncology Patient. Presented at Imaging in Tuscany. Radda in Chianti, Italy. October 29, 2009.
- 527. Imaging and Interventions in the Female Pelvis. Presented at Imaging in Tuscany. Radda in Chianti, Italy. October 29, 2009.
- 528. MOC- Maintenance of Certification: What Do You Need to Know, and How to Do It. Presented at Imaging in Tuscany. Radda in Chianti, Italy. October 29, 2009.
- 529. Sedation for the Radiology Patient. Refresher Course. Presented at the Radiological Society of North America. November 29, 2009.

- 530. Vascular and Interventional Radiology: Are Residents Victims of a Turf War? Presented at the Radiological Society of North America. December 1, 2009.
- 531. Venous Thromboembolic Disease: Urgent and Emergent Therapy. Presented at Society of Interventional Radiology 35<sup>th</sup> Annual Scientific Meeting. March 18, 2010
- 532. Uterine Artery Embolization and Gynecologic Interventions. Presented at 23rd Annual Review of Vascular & Interventional Radiology. April 3, 2010
- 533. Embolotherapy. Presented at 23rd Annual Review of Vascular & Interventional Radiology. April 3, 2010.
- 534. Genitourinary Interventions. Presented at 23rd Annual Review of Vascular & Interventional Radiology. April 3, 2010
- 535. Malfunctioning Dialysis Fistulas and Graft – An Interventional Approach. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 14, 2010
- 536. DI TTSH Teaching Rounds Chronic Pulmonary Embolization and Therapy. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 15, 2010.
- 537. Interventional Radiology Patients – It's not Only the Procedure. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 16, 2010
- 538. Interventional Radiology for Gynecologic Problems – Beyond Fibroids. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 17, 2010
- 539. Regional Therapies for Liver Malignancies. NUH Conference Presented as Singapore Ministry of Health visiting expert for FY 2010. June 17, 2010
- 540. Tutorial to FRCR 2B Trainee. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 17, 2010
- 541. Interventional Radiology in the Treatment of Liver Disease. NUH CME talk. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 17, 2010.
- 542. Minimal Invasive Approach to Fibroids- Uterine Artery Embolization and MR guided Focused Ultrasound. KKH Hospital Wide Conference. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 18, 2010
- 543. Tutorial to FRCR 2B Trainee. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 17, 2010
- 544. Case Conference for Trainees at NNI. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 17, 2010

- 545. Radiology Residency Examinations- Present and Future. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 19, 2010
- 546. Maintenance of Certification what is the US Doing. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 19, 2010
- 547. Regional Therapies for Liver Malignancies. CGH Resident Conference. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 21, 2010
- 548. Trauma – The Importance of Embolization. CGH Noon Conference. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 21, 2010
- 549. Extensive Deep Venous Thrombosis- An Aggressive Approach. Presented as Singapore Ministry of Health visiting expert for FY 2010. June 22, 2010
- 550. Sedation for the Interventional Radiology Patient. Western Angiographic and Interventional Radiology September 13-15,2010
- 551. MR Guided Ultrasound: Does it have a role in Fibroid Management? Presented at Cardiovascular and Interventional Radiological Society of Europe. Lisbon (CIRSE), Valencia Spain. October 2, 2010.
- 552. Pelvic Congestion Syndrome: Technique and Outcome. Presented at Cardiovascular and Interventional Radiological Society of Europe. Lisbon (CIRSE), Valencia Spain. October 2, 2010.
- 553. Dealing with International Literature and the Off-Label Issue in the United States: Should You Treat Patients With Less Than the Best? Presented at Vascular Interventional Advances (VIVA).Las Vegas, NV. October 21, 2010.
- 554. DVT Intervention: What to do While Waiting for ATTRACT? Presented at Vascular Interventional Advances (VIVA).Las Vegas, NV. October 22, 2010.
- 555. Intervention in the Oncology Patient. Presented at Imaging in Barolo, Italy. October 25, 2010.
- 556. Imaging and Interventions in the Female Pelvis. Presented at Imaging in Barolo, Italy. October 25, 2010.
- 557. Intervention in the Oncology Patient. Presented at Imaging in Barolo, Italy. October 25, 2010.
- 558. Venous Thromboembolic Disease. Presented at Imaging in Barolo, Italy. October 27, 2010.

- 559. Aortic Stent Grafts: Procedure and Evaluation. Presented at Imaging in Barolo, Italy. October 25, 2010.
- 560. ACR Legislative Update. Presented at 2010 Washington State Radiological Society Annual Meeting, Seattle, Washington. November 6, 2010
- 561. Acute and Chronic Pulmonary Emboli: Diagnosis and treatment. Presented at Radiological Society of North America (RSNA). Chicago, IL November 28, 2010.
- 562. High Intensity Focused Ultrasound: Myth or Reality? Hot Session Topic at Radiological Society of North America (RSNA). Chicago, IL November 29, 2010.
- 563. Interventional Radiology Treatment of Gynecologic Disease. VISN 22 Women's Health Conference. La Jolla, CA December 13, 2010.
- 564. Current Status of UFE. Presented at International Symposium on Endovascular Therapy (ISET). Miami Beach, FL January 16, 2011.
- 565. Current Indications for Permanent and Optional IVC Filter. Presented at International Symposium on Endovascular Therapy (ISET). Miami Beach, FL January 16, 2011.
- 566. Tools of Trade for UFE. Presented at International Symposium on Endovascular Therapy (ISET). Miami Beach, FL January 20, 2011.
- 567. Ground Control to Major Tom: When Systems in the IR Suite Break Down. Presentation 5. . Presented at Society of Interventional Radiology 36<sup>th</sup> Annual Scientific Meeting. Chicago, IL March 31, 2011.
- 568. Uterine Artery Embolization for Uterine Fibroids. Presented at Sun General Hospital, Visiting Expert Daejon, Korea. April 20, 2011.
- 569. Pelvic Congestion Syndrome - How Do We Treat It. Sun General Hospital, Daejon, Korea. April 20, 2011.
- 570. Uterine Artery Embolization or Surgery: How Do We Choose? Yonsie University Hospital, Seoul, Korea. April 21, 2011.
- 571. Pelvic Congestion Syndrome: How Do I Diagnose It and How Do I Treat It? Asan Medical Center, Seoul, Korea. April 21, 2011.
- 572. Uterine Artery Embolization for Uterine Fibroids and Adenomyosis. St Mary Hospital, Seoul, Korea. April 22, 2011.
- 573. Uterine Artery Embolization: Tips and Tricks. Cook Workshop Korean Society of Interventional Radiology, Samsung Medical Center, Seoul, Korea. April 23, 2011.



- 574. Nonvascular Interventional Radiology: Unusual Problems and Solutions. Cook Workshop Korean Society of Interventional Radiology, Samsung Medical Center, Seoul, Korea. April 23, 2011.
- 575. Hepatic, coeliac, mesenteric true aneurysms. Presented at Global Embolization Symposium and Technologies. Paris, France. April 27, 2011
- 576. Uterine Fibroid Embolization: Clinical Based Discussion. Presented at Global Embolization Symposium and Technologies. Paris, France. April 28, 2011
- 577. Minimally Invasive Approach to Uterine Fibroids. Presented at Women Physicians of Ventura County Meeting. June 23, 2011
- 578. The ABR Exam of the Future. Presented at Western Angio & Interventional Society 2011 Conference. North Lake Tahoe, California. August 31, 2011.
- 579. How to embolize postpartum hemorrhage: embolics and technique. Presented at Cardiovascular and Interventional Radiological Society of Europe. September 10-14, 2011.
- 580. MRgHIFU for fibroids will not replace UFE. Presented at Cardiovascular and interventional Radiological Society of Europe. September 10-14, 2011.
- 581. Intervention in the Oncology Patient. Presented at Imaging in Bordeaux, St. Emilion, France, October 24, 2011.
- 582. Imaging & Interventions in the Female Pelvis. Presented at Imaging in Bordeaux, St. Emilion, France, October 24, 2011.
- 583. Interesting Interventional Case Review. Presented at Imaging in Bordeaux, St. Emilion, France, October 24, 2011.
- 584. Regional Therapies for Liver Malignancies. . Presented at Imaging in Bordeaux, St. Emilion, France, October 26, 2011.
- 585. Aortic Stent Grafts: Procedure & Evaluation. Presented at Imaging in Bordeaux, St. Emilion, France, October 26, 2011.
- 586. Acute and Chronic Pulmonary Emboli: Diagnosis and Treatment. Presented at Radiological Society of North America (RSNA). Chicago, IL November 27, 2011.
- 587. Fallopian Tube Catheterization. Presented at Radiological Society of North America (RSNA). Chicago, IL December 1, 2011.
- 588. Fallopian Tube Recanalization and Sterilization. Presented at New York University

Medical Center. New York, NY December 8, 2011.

- 589. Interventions in the Female Pelvis. Presented at New York University Medical Center. New York, NY December 8, 2011.
- 590. Radiology Grand Rounds - Pelvic Congestion Syndrome. Presented at New York University Medical Center. New York, NY December 8, 2011.
- 591. Management of Hemoptysis by Bronchial Artery Embolization. Presented at 5th SAACR Congress of Radiology SCR-2012. Dhahran, Nepal. February 16, 2012.
- 592. Radiology Approach for Fallopian Tube Recanalization and Occlusion. Presented at 5th SAACR Congress of Radiology SCR-2012. Dhahran, Nepal. February 16, 2012.
- 593. Interventional Management of Hepatic Tumors. Presented at 5th SAACR Congress of Radiology SCR-2012. Dhahran, Nepal. February 16, 2012.
- 594. Genitourinary Interventions Presented at 5th SAACR Congress of Radiology SCR-2012. Dhahran, Nepal. February 17, 2012.
- 595. Interesting Interventional Cases. Presented at 5th SAACR Congress of Radiology SCR-2012. Dhahran, Nepal. February 17, 2012.
- 596. Percutaneous Abdominal Procedures. Presented at 5th SAACR Congress of Radiology SCR-2012. Dhahran, Nepal. February 18, 2012.
- 597. TIPS. Presented at 5th SAACR Congress of Radiology SCR-2012. Dhahran, Nepal. February 19, 2012.
- 598. Radiological Management of Postpartum Hemorrhage. Presented at National Academy of Medical Science. Kathmandu, Nepal. February 22, 2012.
- 599. Interventional Radiology – An Overview of Nonvascular Procedures. Presented at Bhairawa Medical Center, Bhairawa, Nepal. February 25, 2012.
- 600. Accreta, Percreta, Increta. Presented at Global Embolization Symposium and Technologies (GEST). New York, NY, May 4, 2012.
- 601. Ovarian Artery Embolization: How and When? Presented at Global Embolization Symposium and Technologies (GEST). New York, NY, May 5, 2012.
- 602. Trauma Imaging Workup and Pearls. Presented at Global Embolization Symposium and Technologies (GEST). New York, NY, May 6, 2012.
- 603. Pelvic Vein Embolization in Males and Females: Pelvic Congestion Syndrome. Presented at CIRSE 2012 Annual Meeting and Postgraduate Course of the

Cardiovascular and Interventional Radiological Society of Europe (CIRSE), Lisbon, Portugal. September 15-19, 2012.

604. Pelvic Congestion Syndrome. Presented at Western Angiographic & Interventional Society (WAIS). September 22-27, 2012.
605. Experience with Stent-Grafts, Drug-Eluting Stents, and Drug-Coated Balloons for Dialysis Access Lesions: What We've Learned. Presented at the 10<sup>th</sup> Annual Vascular Interventional Advances (VIVA) Conference. Las Vegas, Nevada. October 9-12, 2012.
606. Genitourinary Interventions. Presented at Imaging in Burgundy conference. October 21-25, 2012.
607. GI Interventions. Presented at Imaging in Burgundy conference. October 21-25, 2012.
608. Thoracic Interventions. Presented at Imaging in Burgundy conference. October 21-25, 2012.
609. Venous access. Presented at Imaging in Burgundy conference. October 21-25, 2012.
610. Venous Thromboembolic Disease. Presented at Imaging in Burgundy conference. October 21-25, 2012.
611. Fallopian Tube Interventions. Presented at University of Alabama, Birmingham, Noon conference. November 12, 2012.
612. Minimally Invasive Treatments of Uterine Fibroids. Presented at the 4th Annual Barfield-Carter lecture. University of Alabama, Birmingham. November 12, 2012.
613. Acute and Chronic Pulmonary Emboli: Diagnosis and Treatment. Presented at the Annual Radiological Society of North America (RSNA) Conference. Chicago, Illinois. November 25-30, 2012.
614. Fallopian Tube Catheterization: Recanalization and Sterilization. Presented at the Annual Radiological Society of North America (RSNA) Conference. Chicago, Illinois. November 25-30, 2012.
615. Retrievable IVC Filters: Expanding Indications, Retrievable Rates and Other Contemporary Issues. Presented at International Symposium on Endovascular Therapy (ISET). Miami Beach, FL January 20, 2013.
616. Venous Stenting for May-Thurner Syndrome: After Thrombolysis and In Veins that Have Not Yet Occluded. Presented at International Symposium on Endovascular Therapy (ISET). Miami Beach, FL. January 20, 2013.

617. IVC Filters: Current Issues and Complications. Presented at International Symposium on Endovascular Therapy (ISET). Miami Beach, FL. January 20, 2013.
618. IVC Filters: Option or Permanent? Presented at International Symposium on Endovascular Therapy (ISET). Miami Beach, FL. January 23, 2013.
619. Patients First and ACR Update. Presented at the Rhode Island Radiology Society Meeting. Providence, RI, February 5, 2013.
620. ABR Changes – An Update and ACR Update. Presented at the District of Columbia Metropolitan Radiological Society Chapter Meeting. February 28, 2013.
621. Meet the Professor: Reproductive Embolization Session. Presented at the Society of Interventional Radiology (SIR) Annual Meeting. New Orleans, LA. April 13-18, 2013.
622. SIR 2013 Film Panel. The Society of Interventional Radiology (SIR) Annual Meeting. New Orleans, LA. April 13-18, 2013.
623. FDA vs CE Mark. Which is the Safest for the Patient? Presented at the Society of Interventional Radiology (SIR) Annual Meeting. New Orleans, LA. April 13-18, 2013.
624. Pelvic Congestion Syndrome Embolization: Results and Evidence. Presented at the Annual Global Embolization Symposium and Technologies (GEST) Conference. Prague, Czech Republic. May 1-4, 2013.
625. Advanced MRI Techniques for Assessing Tumor Response. Presented at the Annual Global Embolization Symposium and Technologies (GEST) Conference. Prague, Czech Republic. May 1-4, 2013.
626. HIFU Updates. Presented at the Annual Western Angiographic & Interventional Society (WAIS). Laguna Niguel, California. August 25-29, 2013.
627. Varicocele and ovarian vein embolization: case-based discussions. Presented at the Annual Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Conference. Barcelona, Spain. September 14-18, 2013.
628. Complicated TIPS: Budd Chiari Syndrome. Presented at the Annual Vascular Interventional Advances (VIVA) Conference. Las Vegas, Nevada. October 8-11, 2013. Presented at the Annual Vascular Interventional Advances (VIVA) Conference. Las Vegas, Nevada. October 8-11, 2013.
629. Central Venous Stenosis and SVC Syndromes – Evolving Strategies – Patient Selection and Case Planning. Presented at the Annual Vascular Interventional Advances (VIVA) Conference. Las Vegas, Nevada. October 8-11, 2013.
630. Challenges and Future of Radiology: An ACR Perspective. Presented at the MGH

- Radiological Society's Hampton Symposium. Boston, Massachusetts. October 18-19, 2013.
631. Interventions in the Female Pelvis. Presented at the Imaging in Tuscany Conference. Chianti, Italy. October 20 – 24, 2013.
  632. Acute and Chronic Pulmonary Embolus – Imaging and Interventions. Presented at the Imaging in Tuscany Conference. Chianti, Italy. October 20 – 24, 2013.
  633. Thoracic Interventional Procedures. Presented at the Imaging in Tuscany Conference. Chianti, Italy. October 20 – 24, 2013.
  634. Liver Interventional Procedures. Presented at the Imaging in Tuscany Conference. Chianti, Italy. October 20 – 24, 2013.
  635. Fallopian Tube Catheterization. Presented at the Annual Radiological Society of North America Conference. Chicago, IL. December 1 – 4, 2013.
  636. Venous Disease: Varicocele and Ovarian Vein Reflux. Presented at the Annual Radiological Society of North America Conference. Chicago, IL. December 1 – 4, 2013.
  637. Management of Hemoptysis by Bronchial Artery Embolization. Presented at the 67<sup>th</sup> Annual Conference of Radiological and Imaging Association. Agra, India. January 23-26, 2014.
  638. Invasive Placenta – Imaging and Intervention. Presented at the 67<sup>th</sup> Annual Conference of Radiological and Imaging Association. Agra, India. January 23-26, 2014.
  639. Junior Faculty Development – A Clinician's Perspective. Presented at the National Center for Leadership in Academic Medicine (NCLAM) junior faculty development seminar at UC San Diego. La Jolla, CA. March 21, 2014.
  640. GI/GU Procedures. Presented at The Society of Interventional Radiology (SIR) Annual Meeting. San Diego, CA. March 22-28, 2014.
  641. Potpourri of Pearls Workshop. Presented at The Society of Interventional Radiology (SIR) Annual Meeting. San Diego, CA. March 22-28, 2014.
  642. Hepatic Artery Aneurysm: Results and Complications. Presented at the Global Embolization Symposium and Technologies (GEST). San Francisco, CA. May 1-4, 2014.
  643. Pulmonary AVM: Choice of Materials and Technical Tips. Presented at the Global Embolization Symposium and Technologies (GEST). San Francisco, CA. May 1-4,

2014.

644. Mesenteric Trauma: Can We Treat It Intra-Arterially? Presented at the Global Embolization Symposium and Technologies (GEST). San Francisco, CA. May 1-4, 2014.
645. Fallopian Tube Recanalization and Sterilization. Presented at The Asia-Pacific Congress of Cardiovascular and Interventional Radiology. Singapore, Singapore. May 15-18, 2014.
646. Inspirational IR - The Ingenuity of IR. Presented at The Asia-Pacific Congress of Cardiovascular and Interventional Radiology. Singapore, Singapore. May 15-18, 2014.
647. Training Opportunities in IR. Presented at the Global Interventional Radiology Symposium (GIRS). Tamul Nadu, India. September 6-7, 2014.
648. Unusual Locations for IVC Filters Placement. Presented at Cardiovascular and Interventional Radiological Society of Europe (CIRSE). Glasgow, UK. September 13-17, 2014.
649. Resident Training and the New Departure in Terms of IR Training in the United States. Presented at the Beaumont Hospital, Radiology Grand Rounds. Dublin, Ireland. October 24, 2014.
650. Ultrasound-Guided Femoral Access, Optimal Techniques for Reducing Complications. Presented at the Vascular Interventional Advances (VIVA) Annual Meeting. Las Vegas, Nevada. November 4-5, 2014.
651. Venous Disease. Presented at the Radiological Society of North America (RSNA) Annual Meeting. Chicago, Illinois. November 29 – December 5, 2014.
652. Fallopian Tube Catheterization. Presented at the Radiological Society of North America (RSNA) Annual Meeting. Chicago, Illinois. November 29 – December 5, 2014.
653. Treatments for Recurrent Ascites. Presented at the Los Angeles Radiological Society (LARS) Annual Meeting. Los Angeles, California. February 22, 2015.
654. Myomas and Interventions. Presented at the Los Angeles Radiological Society (LARS) Annual Meeting. Los Angeles, California. February 22, 2015.
655. Fallopian Tube Recanalization. Society for Interventional Radiology (SIR) Annual Meeting. Atlanta, Georgia. February 28 – March 3, 2015.
656. GYN IR Procedures. Vascular and Interventional Radiology Conference, UCSD Department of Radiology. La Jolla, California. March 24, 2015.

- 657. Imaging and Treatment of Uterine Fibroids. Eastern Radiology Society Annual Meeting. Palm Springs, California. April 25 – 29, 2015.
- 658. Pelvic Congestion Syndrome. Eastern Radiology Society Annual Meeting. Palm Springs, California. April 25 – 29, 2015.
- 659. What is New? Eastern Radiology Society Annual Meeting. Palm Springs, California. April 25 – 29, 2015.
- 660. New IR/DR Pathway – What does it mean? Eastern Radiology Society Annual Meeting. Palm Springs, California. April 25 – 29, 2015.
- 661. Fallopian Tube Management. Presented at the Annual Western Angiographic & Interventional Society (WAIS). September 15, 2015.
- 662. The Difficult IVC Filter: Case-based discussion. Presented at Cardiovascular and Interventional Radiological Society of Europe (CIRSE). September 26-30, 2015. Lisbon, Portugal.
- 663. MOC Lecture. Presented at the California Radiology Society Meeting. October 3-4, 2015. Newport Beach, CA.
- 664. Intervention in the Oncology Patient. Presented at the Annual UCSD Imaging in Burgundy Meeting. October 25-29, 2015. Burgundy, France.
- 665. Aortic Stent Grafts: Procedure and Evaluation. Presented at the Annual UCSD Imaging in Burgundy Meeting. October 25-29, 2015. Burgundy, France.
- 666. Venous Thromboembolic Disease. Presented at the Annual UCSD Imaging in Burgundy Meeting. October 25-29, 2015. Burgundy, France.
- 667. ACR Update. Presented at the Washington State Radiological Society 2015 Annual Meeting. Seattle, Washington. November 7, 2015.
- 668. Just the FAQs: Maintenance and Certification. Presented at the Washington State Radiological Society 2015 Annual Meeting. Seattle, Washington. November 7, 2015.
- 669. The New Interventional Radiology/Diagnostic Radiology Residency. Presented at the Washington State Radiological Society 2015 Annual Meeting. Seattle, Washington. November 7, 2015.
- 670. Fallopian Tube Catheterization. Presented at the Radiological Society of North America (RSNA) Annual Meeting. November 29-December 4, 2015. Chicago, IL.



671. Venous Disease. Presented at the Radiological Society of North America (RSNA) Annual Meeting. November 29-December 4, 2015. Chicago, IL.
672. Central Venous Lines and Ports. Presented at Korle-Bu Teaching Hospital as part of the RSNA International Visiting Professor program. February 21-March 6, 2016. Accra, Ghana.
673. Embolization: Fibroids, Varicoceles, Liver Tumors. Presented at Korle-Bu Teaching Hospital as part of the RSNA International Visiting Professor program. February 21-March 6, 2016. Accra, Ghana.
674. Central Venography and IVC Filter Placement. Presented at Korle-Bu Teaching Hospital as part of the RSNA International Visiting Professor program. February 21-March 6, 2016. Accra, Ghana.
675. Cholecystomy and Drainage Procedures. Presented at Korle-Bu Teaching Hospital as part of the RSNA International Visiting Professor program. February 21-March 6, 2016. Accra, Ghana.
676. Nephrostomy Tubes, Biliary Stent Placement, Dialysis Fistulas. Presented at Korle-Bu Teaching Hospital as part of the RSNA International Visiting Professor program. February 21-March 6, 2016. Accra, Ghana.
677. Interventional Radiology – Women in IR, SIR Medical Student Council Event. Society for Interventional Radiology (SIR) Annual Meeting. April 2 – April 7, 2016. Vancouver, British Columbia, Canada.
678. Uterine Artery Embolization – Fibroids and Hemorrhage. 46<sup>th</sup> Annual Sao Paulo Radiological Meeting. April 28 – May 1, 2016. Sao Paulo, Brazil.
679. Pelvic Congestion Syndrome. 46<sup>th</sup> Annual Sao Paulo Radiological Meeting. April 28 – May 1, 2016. Sao Paulo, Brazil.
680. Fallopian Tube Recanalization and Sterilization. 46<sup>th</sup> Annual Sao Paulo Radiological Meeting. April 28 – May 1, 2016. Sao Paulo, Brazil.
681. ACR Report. National Medical Association. July 31, 2016. Los Angeles, CA
682. Varicocele and Ovarian Vein Embolization. Annual Meeting of the Cardiovascular and Interventional Radiological Society of Europe (CIRSE). September 4-10, 2016. Barcelona, Spain.

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